

Materials, Processes, & Products Classification

—

ASR-213-V1.3-2024.06.01



**Textile
Exchange**



This document is jointly developed by GOTS and Textile Exchange for the harmonized application of their policies for scope and transaction certificates.

This classification is a dynamic document that will be continually edited and updated. New versions will be published as required.

©2024 Textile Exchange. This specific publication is protected by copyright. All rights are reserved. Written permission by Textile Exchange is required for reproduction in entirety or portion.

The *Materials, Processes, & Products Classification V1.3* replaces *Materials, Processes, & Products Classification V1.2* and is effective as of June 1, 2024. All scope and transaction certificates issued after October 1, 2024 shall be issued using *Materials, Processes, & Products Classification V1.3*.

Please note that two codes had to be changed from V1.2 to V1.3 (see p. 10). These codes should be used immediately and shall be implemented on October 1, 2024.

English is the official language of the *Materials, Processes, & Products Classification V1.3*. In any case of inconsistency between versions, reference shall be made to the English version.

Disclaimer

Although reasonable care was taken in the preparation of this document, Textile Exchange and any other party involved in the creation of the document HEREBY STATE that the document is provided without warranty, either expressed or implied, of accuracy or fitness for purpose, AND HEREBY DISCLAIM any liability, direct or indirect, for damages or loss relating to the use of this document.

This is a voluntary procedure document and is not intended to replace the legal or regulatory requirements of any country.

Copyright

This publication is protected by copyright. Information or material from this publication may be reproduced in unaltered form for personal, non-commercial use. All other rights are reserved. Information or material from this publication may be used for the purposes of private study, research, criticism, or review permitted under the Copyright Act 1976.

Any reproduction permitted in accordance with the Copyright Act 1976 shall acknowledge the *Materials, Processes, & Products Classification V1.3* as the source of any selected passage, extract, diagram, or other information.

Document Revision History

Materials, Processes, & Products Classification V1.0, released September 09, 2020
Materials, Processes, & Products Classification V1.1, released May 1, 2021
Materials, Processes, & Products Classification V1.2, released October 1, 2023
Materials, Processes, & Products Classification V1.3, released June 1, 2024

Contents

- Section 1 – Purpose..... 5**
 - 1.1. Target Audience..... 5
 - 1.2. Objectives 5
- Section 2 – Methodology..... 5**
 - 2.1. Guiding Principles 5
 - 2.2. Approach..... 6
 - 2.3. User Specific Terms..... 7
- Section 3 – Classification..... 8**
 - 3.1. Raw Materials 8
 - Table 3.1: Raw Materials Classification 9*
 - 3.2. Process Categories..... 13
 - Table 3.2: Process Category Classification 13*
 - 3.3. Product Categories 18
 - Table 3.3: Product Category Classification 18*
 - 3.4. Product Details..... 19
 - Table 3.4: Product Details Classification..... 19*
 - 3.5. Organic Standards 21
 - Table 3.5: Organic Farming Standards..... 21*
- Appendix A - Raw Materials Mapping 23**
- Appendix B - Mapping of Product Categories and Product Details..... 25**
- Appendix C - Reporting Framework..... 30**
- Appendix D - Illustrative Examples 31**
 - Example 1: Cotton Linter..... 31
 - Example 2: Yarns, Comber Noil, and Tops 32
 - Example 3: Knitted Fabrics, Woven Fabrics, Terry Fabrics, and Denim Fabrics 33
 - Example 4: Non-woven Fabrics, Special Fabrics, Leather, and Bonded Leather 34
 - Example 5: Trims and Accessories 34
 - Example 6: Supplier Tradename..... 35
 - Example 7: Components 35
 - Example 8: Mélange Yarns and Fabrics 36
 - Example 9: Filling, Stuffing..... 37
 - Example 10: Recycled Cotton Pulp → Viscose Products 37

Example 11: Bamboo → Viscose Products..... 39

Example 12: Reclaimed Bottles → Recycled Polyester Fabrics 40

Example 13: Down Farm Production → Trading..... 42

Example 14: RAF → RMS, RWS & RAS product 44

Section 1 – Purpose

1.1. Target Audience

This document is primarily developed for certification bodies for use in their certification processes. Secondary users include suppliers, manufacturers, brands/retailers, and other stakeholders that have an interest in GOTS and Textile Exchange standards.

1.2. Objectives

- Standardize the classification of raw materials, process categories, product categories, and product details for GOTS and Textile Exchange’s standards.
- Standardize the classification of organic standards accepted as organically grown material inputs by GOTS and Textile Exchange standards.
- Ensure raw materials, process categories, product categories, and product details that are always, usually, or occasionally used on scope and transaction certificates are covered.
- Provide a systematic reporting framework for raw materials, process categories, product categories, and product details.
- Provide guidance on the selection and pairing of raw materials, process categories, product categories, and product details.

Section 2 – Methodology

2.1. Guiding Principles

The classification of raw materials, process categories, product categories, and product details is:

- Intended for the specification of scope and transaction certificates only and not for labeling. (Sellers are responsible for the accuracy of product label claims and its compliance with all regulations in the country of sale.)
- Intended to report on a class or group, rather than a specific unit, because “*User Specific Terms*” can be used on scope and transaction certificates for the latter purpose.
- Mapped to provide systematic reporting at five levels: fiber/material, yarn, fabric, product, and reclaimed materials (see: Appendix C - Reporting Framework).
- Assessed on its frequency of use (“always”, “usually”, “occasionally”, “rarely”, or “possibly”). For practical reasons, only raw materials, process categories, product categories, and product details that are “always”, “usually”, and “occasionally” used are included in the final lists. Raw materials, process categories, product categories, and

product details that are not included in the classification should be covered by the generic class “Other”.

- Complementary to one another and are considered together. Redundant terms are omitted wherever possible.

2.2. Approach

The following steps were taken in the development of the raw materials, process categories, product categories, and product details classification. Group and bilateral consultations with certification bodies were held for feedback during this process.

Raw Materials

- The raw materials listed in the [European Regulation on Fiber Labelling](#) and [European Regulation on Organic Labelling](#) were used as a baseline to evaluate completeness (see: *Appendix A - Raw Materials Mapping*).
- The baseline list was then mapped against the lists of raw materials from preceding classifications from the Scope Certificate Policy and those provided by certification bodies and brands.
- The attributes in-conversion, organic, recycled pre/post-consumer, recycled pre-consumer, and recycled post-consumer were applied to all animal and plant-based raw materials. The attribute responsible was applied to selected animal-based raw materials. The attributes recycled pre/post-consumer, recycled pre-consumer, and recycled post-consumer were applied to all synthetic, cellulosic, inorganic, and miscellaneous raw materials. The attributes sustainably sourced and content claimed were applied to specific raw materials assigned by either GOTS or Textile Exchange.

Process Categories

- Although there are numerous textile process classifications, none of these classifications is accepted as the industry standard. Assessment is therefore carried out on process categories from preceding classifications from the Scope Certificate Policy and cross-checked against processes required to produce the product categories and product details.
- A completeness check was then carried out to ensure that there is a process in place for each of the input and output products of different raw materials.

Product Categories and Product Details

- Product categories were determined with GOTS and Textile Exchange’s reporting requirements as a starting point.
- Completeness was then checked against the latest iteration (H3) of [The Harmonized Commodity Description and Coding System](#). Where possible, mapping was carried out

at level 4 of H3. In selected cases, level 6 was mapped. Whilst level 1 of H3 was reviewed completely, maximum coverage was specifically targeted at H3 50-63 as those are specific to textiles.

- Further completeness was then checked against the input and output products needed for each raw material and process category.
- To reduce duplicative iterations, the principle of many-to-many was applied to product categories and product details– where many different combinations of classifications are possible and therefore allowed. Guidance is provided on the pairing of product categories and product details, but users may select any product details together with any product categories.

Organic Standards

- Organic standards for farm level inputs accepted by GOTS and Textile Exchange are based on the [IFOAM Family of Standards](#).

2.3. User Specific Terms

- 2.3.1.** Despite all considerations taken in the classification of terms, there will be cases where the class itself would fit but not its name. The terms provided in this classification may be too general, overlook the specificity of an individual product, or not reflect common terms used in a certain region or industry. We address this by allowing users to apply their own terms in place of terms provided in this classification. Such individual terms are referred to in this document as “User Specific Terms”.
- 2.3.2.** For legal reasons, all use of User Specific Terms must remain generic and shall not, under any circumstances, contain tradenames, names of standards, programs, and initiatives, or names of breeds, varieties, and species.
- 2.3.3.** While GOTS and Textile Exchange do not recommend the general use of User Specific Terms, we recognize that in certain cases, it may be necessary. We do, however, mandate the use of the classification codes in all cases, so that we can always reference a term back to its designated class.

Section 3 – Classification

3.1. Raw Materials

- 3.1.1.** Each raw material is listed on its own (e.g. cotton) and may have one or more attributes (e.g. in-conversion cotton, organic cotton, recycled pre/post-consumer cotton, recycled pre-consumer cotton, recycled post-consumer cotton, sustainably sourced, and content claimed).
- 3.1.2.** For all GOTS and Textile Exchange standards, unless the raw materials are certified for the specified attribute, users shall only specify the raw materials under “no attribute”.
- 3.1.3.** Raw material attributes such as “no attribute, recycled pre/post-consumer, sustainably sourced” are not certified to GOTS and any of Textile Exchange standards and shall be considered as non-certified material.
- 3.1.4.** For RCS and GRS standards, users shall either apply recycled pre-consumer or recycled post-consumer as an attribute to raw material.
- 3.1.5.** Raw materials which have been processed within an approved mass balance system at any stage within the supply chain shall be classed using a “VR2” raw material code through the remainder of their supply chains. (See: CCS-101 Content Claim Standard for eligibility requirements for mass balance systems.)
- 3.1.6.** Recycled pre/post-consumer attributes shall only be applied for recycled raw materials for GOTS.
- 3.1.7.** Sustainably sourced attributes shall be limited to the use of raw materials covered by the GOTS standard.
- 3.1.8.** In contrast to process categories, product categories, and product details, *User Specific Term* shall not be used to replace the names of any raw materials listed in this classification, except for those classed as “other” (RM0262 to RM0267). In such exceptions, the use of *User Specific Term* must be generic and shall not, under any circumstances, contain tradenames, names of standards, programs, and initiatives, or names of breeds, varieties, and species.
- 3.1.9.** “Other” (RM0262 to RM0267) shall only be applied to raw materials not listed in this classification. In such case, the application of raw material codes in “other” shall correspond to its associated attributes (e.g. “no attribute” for non-certified, and “in-conversion”, “organic”, “recycled pre/post-consumer”, “recycled pre-consumer”, “recycled post-consumer”, “sustainably sourced”, and “content claimed” for certified or accepted materials). Additionally, the use of *User Specific Term* for the specification of the raw material is mandatory in place of the word “other”.

Table 3.1: Raw Materials Classification

Raw materials <i>Applicable standards</i>	[No attribute] <i>None</i>	In- conversion <i>OCS/GOTS</i>	Organic <i>OCS/GOTS</i>	Recycled pre/post- consumer <i>GOTS</i>	Recycled pre- consumer <i>RCS/GRS</i>	Recycled post- consumer <i>RCS/GRS</i>	Responsible <i>RAF/RDS</i>	Sustainably sourced <i>GOTS</i>	Content claimed <i>CCS</i>	Recycled pre- consumer organic <i>GOTS</i>
Alpaca	RM0001	RM0002	RM0003	RM0004	RM0005	RM0006	RM0007	–	–	RM0400
Angora	RM0008	RM0009	RM0010	RM0011	RM0012	RM0013	–	–	–	RM0401
Camel	RM0014	RM0015	RM0016	RM0017	RM0018	RM0019	–	–	–	RM0402
Cashmere	RM0020	RM0021	RM0022	RM0023	RM0024	RM0025	–	–	RM0305 (SFA)	RM0403
Down	RM0026	RM0027	RM0028	RM0029	RM0030	RM0031	RM0032 RM00328 (PFC)	–	–	RM0404
Feather	RM0033	RM0034	RM0035	RM0036	RM0037	RM0038	RM0039 RM00329 (PFC)	–	–	RM0405
Mixed down and feather*	–	–	–	–	–	–	RM0330 RM0331 (PFC)*	–	–	–
Grease	RM0344	RM0345	RM0346	RM0347	RM0348	RM0349	RM0350	–	–	–
Guanaco	RM0040	RM0041	RM0042	RM0043	RM0044	RM0045	–	–	–	RM0406
Lama	RM0046	RM0047	RM0048	RM0049	RM0050	RM0051	–	–	–	RM0407
Leather bovine (cattle, calf)	RM0365	RM0366	RM0367	RM0368	RM0369	RM0370	RM0371	–	–	–
Leather caprine (goat)	RM0379	RM0380	RM0381	RM0382	RM0383	RM0384	RM0385	–	–	–
Leather ovine (sheep)	RM0358	RM0359	RM0360	RM0361	RM0362	RM0363	RM0364	–	–	–
Leather porcine (pig)	RM0372	RM0373	RM0374	RM0375	RM0376	RM0377	RM0378	–	–	–
Leather fiber	RM0351	RM0352	RM0353	RM0354	RM0355	RM0356	RM0357	–	–	–
Leather other	RM0052	RM0053	RM0054	RM0055	RM0056	RM0057	RM0425	–	–	–
Mohair	RM0058	RM0059	RM0060	RM0061	RM0062	RM0063	RM0064	–	–	RM0408
Shearling	RM0337	RM0338	RM0339	RM0340	RM0341	RM0342	RM0343	–	–	–
Silk	RM0065	RM0066	RM0067	RM0068	RM0069	RM0070	–	–	–	RM0409
Vicuna	RM0071	RM0072	RM0073	RM0074	RM0075	RM0076	–	–	–	RM0410

	Raw materials <i>Applicable standards</i>	[No attribute] <i>None</i>	In- conversion <i>OCS/GOTS</i>	Organic <i>OCS/GOTS</i>	Recycled pre/post- consumer <i>GOTS</i>	Recycled pre- consumer <i>RCS/GRS</i>	Recycled post- consumer <i>RCS/GRS</i>	Responsible <i>RAF/RDS</i>	Sustainably sourced <i>GOTS</i>	Content claimed <i>CCS</i>	Recycled pre- consumer organic <i>GOTS</i>
	Wool	RM0077	RM0078	RM0079	RM0080	RM0081	RM0082	RM0083	–	–	RM0411
	Yak	RM0084	RM0085	RM0086	RM0087	RM0088	RM0089	–	–	–	RM0412
	Animal fiber other	RM0330* RM0426*	RM0331* RM0427*	RM0332	RM0333	RM0334	RM0335	RM0336	–	–	–
PLANT-BASED	Bamboo	RM0090	RM0091	RM0092	RM0093	RM0094	RM0095	–	–	–	RM0413
	Coir	RM0096	RM0097	RM0098	RM0099	RM0100	RM0101	–	–	–	RM0414
	Cotton	RM0102	RM0103	RM0104	RM0105	RM0106	RM0107	–	–	–	RM0415
	Flax (linen)	RM0108	RM0109	RM0110	RM0111	RM0112	RM0113	–	–	–	RM0416
	Hemp	RM0114	RM0115	RM0116	RM0117	RM0118	RM0119	–	–	–	RM0417
	Jute	RM0120	RM0121	RM0122	RM0123	RM0124	RM0125	–	–	–	RM0418
	Kapok	RM0126	RM0127	RM0128	RM0129	RM0130	RM0131	–	–	–	RM0419
	Natural rubber	RM0132	RM0133	RM0134	RM0135	RM0136	RM0137	–	–	–	RM0420
	Nettle	RM0138	RM0139	RM0140	RM0141	RM0142	RM0143	–	–	–	RM0421
	Ramie	RM0144	RM0145	RM0146	RM0147	RM0148	RM0149	–	–	–	RM0422
	Sisal	RM0150	RM0151	RM0152	RM0153	RM0154	RM0155	–	–	–	RM0423
	Acrylic	RM0156	–	–	RM0157	RM0158	RM0159	–	–	–	–
	Acrylonitrile butadiene styrene (ABS)	RM0268	–	–	RM0269	RM0270	RM0271	–	–	–	–
	Elastane (spandex)	RM0160	–	–	RM0161	RM0162 RM0306 (VR2)	RM0163 RM0307 (VR2)	–	–	–	–
	Elastomultiester (elasterell-P)	RM0164	–	–	RM0165	RM0166 RM0308 (VR2)	RM0167 RM0309 (VR2)	–	–	–	–
Ethylene vinyl acetate	RM0168	–	–	RM0169	RM0170	RM0171	–	–	–	–	
Latex	RM0172	RM0173	RM0174	RM0175	RM0176	RM0177	–	–	–	RM0424	
Modacrylic	RM0178	–	–	RM0179	RM0180	RM0181	–	–	–	–	
Polyamide (nylon)	RM0182	–	–	RM0183	RM0184 RM0310 (VR2)	RM0185 RM0311 (VR2)	–	–	–	–	

	Raw materials <i>Applicable standards</i>	[No attribute] <i>None</i>	In- conversion <i>OCS/GOTS</i>	Organic <i>OCS/GOTS</i>	Recycled pre/post- consumer <i>GOTS</i>	Recycled pre- consumer <i>RCS/GRS</i>	Recycled post- consumer <i>RCS/GRS</i>	Responsible <i>RAF/RDS</i>	Sustainably sourced <i>GOTS</i>	Content claimed <i>CCS</i>	Recycled pre- consumer organic <i>GOTS</i>
SYNTHETIC	Polybutylene terephthalate (PBT)	RM0386	–	–	RM0388	RM0389* RM0391 (VR2)	RM0390* RM0392 (VR2)	–	–	–	–
	Polycarbonate (PC)	RM0272	–	–	RM0273	RM0274	RM0275	–	–	–	–
	Polycarbonate-acrylonitrile butadiene styrene (PC-ABS)	RM0276	–	–	RM0277	RM0278	RM0279	–	–	–	–
	Polyester	RM0186	–	–	RM0187	RM0188 RM0312 (VR2)	RM0189 RM0313 (VR2)	–	–	–	–
	Polyethylene	RM0190	–	–	RM0191	RM0192	RM0193	–	–	–	–
	Polyethylene terephthalate (PET)	RM0194	–	–	RM0195	RM0196 RM0314 (VR2)	RM0197 RM0315 (VR2)	–	–	–	–
	Polylactic acid (PLA)	RM0198	–	–	RM0199	RM0200	RM0201	–	–	–	–
	Polypropylene	RM0202	–	–	RM0203	RM0204	RM0205	–	–	–	–
	Polystyrene	RM0206	–	–	RM0207	RM0208	RM0209	–	–	–	–
	Polyurethane	RM0210	–	–	RM0211	RM0212	RM0213	–	–	–	–
CELLULOSIC	Synthetic rubber	RM0280	–	–	RM0281	RM0282	RM0283	–	–	–	–
	Thermoplastic elastomer (TPE)	RM0284	–	–	RM0285	RM0286	RM0287	–	–	–	–
	Thermoplastic rubber (TPR)	RM0288	–	–	RM0289	RM0290	RM0291	–	–	–	–
	Acetate	RM0218	–	–	RM0219	RM0220 RM0316 (VR2)	RM0221 RM0317 (VR2)	–	–	–	–
	Cupro	RM0222	–	–	RM0223	RM0224 RM0318 (VR2)	RM0225 RM0319 (VR2)	–	–	–	–
Diacetate	RM0393	–	–	RM0395*	RM0396 RM0398 (VR2)	RM0397 RM0399 (VR2)	–	–	–	–	

	Raw materials <i>Applicable standards</i>	[No attribute] <i>None</i>	In- conversion <i>OCS/GOTS</i>	Organic <i>OCS/GOTS</i>	Recycled pre/post- consumer <i>GOTS</i>	Recycled pre- consumer <i>RCS/GRS</i>	Recycled post- consumer <i>RCS/GRS</i>	Responsible <i>RAF/RDS</i>	Sustainably sourced <i>GOTS</i>	Content claimed <i>CCS</i>	Recycled pre- consumer organic <i>GOTS</i>
	Lyocell	RM0226	–	–	RM0227	RM0228 RM0320 (VR2)	RM0229 RM0321 (VR2)	–	RM0304	–	–
	Modal	RM0230	–	–	RM0231	RM0232 RM0322 (VR2)	RM0233 RM0323 (VR2)	–	–	–	–
	Triacetate	RM0234	–	–	RM0235	RM0236 RM0324 (VR2)	RM0237 RM0325 (VR2)	–	–	–	–
	Viscose (rayon)	RM0238	–	–	RM0239	RM0240 RM0326 (VR2)	RM0241 RM0327 (VR2)	–	–	–	–
INORGANIC	Copper	RM0292	–	–	RM0293	RM0294	RM0295	–	–	–	–
	Glass	RM0242	–	–	RM0243	RM0244	RM0245	–	–	–	–
	Iron	RM0296	–	–	RM0297	RM0298	RM0299	–	–	–	–
	Metal	RM0246	–	–	RM0247	RM0248	RM0249	–	–	–	–
	Zinc	RM0300	–	–	RM0301	RM0302	RM0303	–	–	–	–
MISC.	Metallic fibers	RM0254	–	–	RM0255	RM0256	RM0257	–	–	–	–
	Mixed fibers	RM0258	–	–	RM0259	RM0260	RM0261	–	–	–	–
	Protein	RM0214	–	–	RM0215	RM0216	RM0217	–	–	–	–
	Wood	RM0250	–	–	RM0251	RM0252	RM0253	–	–	–	–
	Other	RM0262	RM0263	RM0264	RM0265	RM0266 RM0428 (VR2)*	RM0267 RM0429 (VR2)*	–	–	–	–
	Dummy	RM0999	–	–	–	–	–	–	–	–	–

Updated in ASR-213-V1.3. Note that protein was moved between categories though codes did not change. A duplicated listing of wood was removed.

3.2. Process Categories

- 3.2.1.** Table 3.2 provides a list of process categories and samples of the specific processes that it covers. If only a specific process is applicable, users are advised to use a *User Specific Term*.
- 3.2.2.** For Textile Exchange standards, if the listed processes are carried out by homeworkers, *User Specific Term* should be applied, specifying the process followed by “homeworkers” (e.g. Weaving – homeworkers).
- 3.2.3.** The category “No processing” (PR0000) shall be the default category where no other process category is suitable. The only use for this is in the Facilities Appendix of a scope certificate, namely for cases where the site is neither directly involved in the actual processing of goods nor has a specific code listed in the table below (e.g. headquarters, marketing, administration, finance office of a scope certificate holder). The category “No processing” (PR0000) shall not be listed on the first page of the scope certificate, and is typically used for sites without physical possession within the same scope certificate as processing sites.
- 3.2.4.** A facility is considered to be processing if any process category marked as processing in Table 3.2 applies. A processor site may also qualify for any non-processing process code except for PR0000. A processor subcontractor may also qualify for non-processing process codes which have physical possession (see 3.2.5).
- 3.2.5.** A site is considered to take physical possession if any process category marked as physical possession in Table 3.2 applies. A site with physical possession may also qualify for any non-physical possession process code except for PR0000. Subcontractors do not qualify for process codes marked as not having physical possession.

Table 3.2: Process Category Classification

Code	Process Category	Coverage Examples	Physical Possession	Processing
PR0000	No processing	See 3.2.3.	N	N
PR0003	Biological recycling	–	Y	Y
PR0043	Biological recycling (VR2)	Biological recycling with a VR2 process applied	Y	Y
PR0001	Boiling	Applicable to GOTS and OCS (example Silk)	Y	Y
PR0035	Brand	An organization that controls the design, development, and purchase of final products for sale under their own name. Brands may sell to wholesalers, retailers, or directly to consumers. This does not include organizations who sell a branded intermediate product for use in further processing steps. See 3.2.6.1.	N	N
PR0002	Breeding	Applicable to RDS only	Y	Y

Code	Process Category	Coverage Examples	Physical Possession	Processing
PR0041	Buying house	Legal ownership of material with outsourced processing. See 3.2.6.5.	N	N
PR0004	Chemical recycling	–	Y	Y
PR0042	Chemical recycling (VR2)	Chemical recycling with a VR2 process applied	Y	Y
PR0005	Collecting	–	Y	Y
PR0006	Concentrating	Flake making, popcorn making, baling, etc.	Y	Y
PR0007	Down processing	Cleaning, washing, drying, sorting, mixing, etc.	Y	Y
PR0008	Dyeing	Cone dyeing, garment dyeing, hank dyeing, knitted fabric dyeing, stock dyeing, wool tops dyeing, warp dyeing, woven fabric dyeing, wet processing, fiber dyeing, yarn dyeing, etc.	Y	Y
PR0009	Embroidery, embellishment	–	Y	Y
PR0010	Extrusion	Extrusion under melt spinning, wet spinning, dry spinning, gel spinning, etc.	Y	Y
PR0046	Extrusion (VR2)	Extrusion with a VR2 process applied	Y	Y
PR0037	Farming (area)	Farm production for a <i>farm area</i> (applicable to RDS only).	Y	Y
PR0038	Farming (communal)	Farm production for a member of a <i>communal farmer group</i> (applicable to RAF only).	Y	Y
PR0011	Farming (group)	Farm production for a member of a <i>farm group</i> (applicable to RAF and RDS only).	Y	Y
PR0036	Farming (individual)	Farm production for an <i>individual farm</i> (applicable to RAF and RDS only).	Y	Y
PR0012	Finishing	Coating, singeing, desizing, vaporizing, gassing, easy-care treatment wet processing, etc.	Y	Y
PR0013	Ginning	Ginning, delinting, etc.	Y	Y
PR0014	Hatching	–	Y	Y
PR0015	Knitting	Circular or flat knitting (warp knitting) – jersey, rib, interlock, french terry, fleece, pique, jacquard knitting, socks knitting, garment knitting, etc.	Y	Y
PR0016	Manufacturing	Cutting-making-trimming (CMT), garment making, final product making, assembling, design, fabric marking, stitching, ironing, sorting, balling, filling/stuffing, etc.	Y	Y
PR0017	Mechanical recycling	Wool fraying, ragging, garnetting, cotton/polyester recycling, etc.	Y	Y
PR0044	Mechanical recycling (VR2)	Mechanical recycling with a VR2 process applied	Y	Y
PR0018	Molding	Aluminum molding or inject molding.	Y	Y
PR0019	Non-woven manufacturing	Mechanical, thermal, chemical and solvent processes (e.g. spun lace, heat-bonded, pulp air-laid, wet, spunbond, melt-blown, acupuncture, stitch, hydroentangling).	Y	Y
PR0045	Non-woven manufacturing (VR2)	Non-woven manufacturing with a VR2 process applied	Y	Y
PR0020	Packing	Packing, labeling, etc. See 3.2.6.2.	Y	Y

Code	Process Category	Coverage Examples	Physical Possession	Processing
PR0021	Pre-treatment	Gassing, singeing, sizing, desizing, scouring (excluding GOTS and OCS First processor and RAF animal fibers), mercerization, bleaching, carbonizing, fulling/crabbing/thermo fixing, anti-felting, anti-shrinking treatments, degumming, heat setting, washing, etc.	Y	Y
PR0022	Preparatory	Warping, sizing, spooling, pirn winding, etc.	Y	Y
PR0023	Printing	Devore printing, direct printing, discharge printing, resist printing, rotary screen printing, screen printing, inkjet printing, digital printing, etc.	Y	Y
PR0024	Pulp making	Wood pulp, cotton pulp, etc.	Y	Y
PR0047	Pulp making (VR2)	Pulp making with a VR2 process applied	Y	Y
PR0025	Retail sales	–	Y	N
PR0039	Retting	Applicable for bast fibers only.	Y	Y
PR0040	Scouring	Applicable for GOTS and OCS First processor and RAF animal fibers only.	Y	Y
PR0026	Slaughtering	–	Y	Y
PR0027	Spinning	Blow-room, carding, combing, roving, ring spinning, roto/open-end spinning, vortex spinning, winding, reeling, doubling, twisting, unwinding, silk reeling, silk throwing, wet spinning, melt spinning, dry spinning, gel spinning, texturizing, etc.	Y	Y
PR0028	Tanning	–	Y	Y
PR0049	Tapping	Latex tapping	Y	Y
PR0029	Top making	Wool/synthetic top making process.	Y	Y
PR0030	Trading	Import, export or domestic trading. See 3.2.6.3.	N	N
PR0050	Tufting	Carpet and rug tufting	Y	Y
PR0051*	Grading	GOTS only		
PR0048	Warehousing, distribution of final products	Limited to <i>final products</i> . See 3.2.6.4.	Y	N
PR0031	Warehousing, distribution of non-final products	See 3.2.6.4.	Y	N
PR0032	Washing, laundering	Washing/laundrying of garment, fabric, denim, yarn, fiber or any other material.	Y	Y
PR0033	Weaving	All woven fabric plain, twill, satin, sateen, honeycomb, terry, denim, jacquard weaving, etc.	Y	Y
PR0034	Other	–	Y	Y
PR9999	Write off / dummy	Recognition that a portion of the inventory no longer holds value as a certified material for reasons such as loss, theft, deterioration, disposal as non-certified material etc.	N	N

*Updated in ASR-213-V1.3

3.2.6. Guidance on specific categories is as follows:

- 3.2.6.1. **Brand (PR0035)** - This process category is only to be used for a site that controls the design and development of final products. The supply chain for any certified final product sold to a consumer includes exactly one brand. Note that the correct use of this processing category is essential to ensure that brands are given correct access to dTrackit. This process code does not apply to subcontractors.

Example: A site produces a branded fabric (an intermediate labeled product), which is sold to garment factories to be made into jackets. The fabric is not sold as a final product. The site shall not have PC0035 listed.

Example: A spinner produces and sells yarn primarily to fabric mills. However, the spinner also sells some yarns direct to consumers in a retail shop and online for craft purposes. The spinner is the brand for the yarns which are sold directly to consumers.

- 3.2.6.2. **Packing (PR0020)** - This process category is considered to be processing and shall only be used when the packing carries a risk of product contamination or a change in labels relating to the Standard. It is not intended for facilities which are distributing discrete products and not applying labels.

Examples of packing: Bagging of bulk down; Applying hang tags with an OCS logo to garments; Packing individual socks into 10-packs for retail sale

Examples that are not considered packing: Picking finished garments (style, size, color) and boxing them together for shipment to an individual retail store; Adding or removing polybags on garments, unless the polybags carry the Standard's logo; Putting non-certified products into GRS-certified packaging

- 3.2.6.3. **Trading (PR0030)** - This process category shall only apply to organizations that are purchasing and selling claimed materials without processing them, i.e. inputs and outputs are identical for some products across all sites within the same scope certificate. The organization or site may also have other products which they process. An office-only site for a manufacturer shall not list trading as a process category unless the organization purchases and sells claimed materials that are not processed at any of their sites.

- 3.2.6.4. **Warehousing, distribution of final products (PR0048) and of non-final products (PR0031)** – These process categories shall only apply to facilities that are physically handling products without processing them, i.e. inputs and outputs from the facility are identical. The facility may also have other products which they process. This process is separated into different codes for final and non-final products for tracking and fee calculation purposes.

3.2.6.5. **Buying House (PR0041)** - A buying house does not take physical possession of claimed materials, but takes legal ownership and has them processed by one or more subcontractors. This process code does not apply to subcontractors. If a scope certificate includes PR0041, a minimum of one processing subcontractor and corresponding processing category shall be included on the scope certificate.

3.2.7. Process codes marked “(VR2)” shall only be applied to facilities which are implementing a VR2 process as described in *CCS-105 Policy for Alternative Volume Reconciliation (VR2)*. These process codes shall not be applied to organizations which are purchasing and selling VR2 materials or to facilities which are handling VR2 materials under batch-level segregation (i.e. typical use of the CCS).

3.3. Product Categories

- 3.3.1.** *Appendix B - Mapping of Product Categories and Product Details and Appendix D - Illustrative Examples* provides guidance on how to use the product categories and product details.
- 3.3.2.** If a product is made of more than one certified component, the certification body shall issue transaction certificates based on the component instead of the product (see *Example 7: Components*).
- 3.3.3.** Product categories PC0035, PC0036, PC0037, PC0040, PC0041, and PC0042 are only applicable for reclaimed/recycled materials as specified, and shall not be used for non-reclaimed/non-recycled materials.

Table 3.3: Product Category Classification

Code	Product Category	Code	Product Category
PC0001	Men's apparel	PC0025	Dyed fabrics
PC0002	Women's apparel	PC0026	Greige fabrics
PC0003	Babies' apparel	PC0027	Undyed fabrics
PC0004	Children's apparel	PC0039	Printed fabrics
PC0005	Unisex apparel	PC0028	Fabrics
PC0006	Men's denim apparel	PC0029	Dyed yarns
PC0007	Women's denim apparel	PC0030	Greige yarns
PC0008	Children's denim apparel	PC0031	Undyed yarns
PC0009	Unisex denim apparel	PC0032	Tops
PC0010	Home textiles	PC0033	Dyed fibers
PC0011	Carried accessories	PC0034	Undyed fibers
PC0012	Worn accessories	PC0035	Processed <u>post-consumer</u> materials
PC0013	Personal care, hygiene	PC0036	Unprocessed <u>post-consumer</u> fibers/materials
PC0014	Medical	PC0037	Reclaimed <u>post-consumer</u> materials
PC0015	Bedding	PC0040	Reclaimed <u>pre-consumer</u> materials
PC0016	Footwear	PC0041	Processed pre-consumer materials
PC0017	Functional accessories	PC0042	Unprocessed <u>pre-consumer</u> fibers/materials
PC0018	Outdoor	PC0043	Grease
PC0019	Industrial, technical	PC0044	Latex and rubber material
PC0020	Filling, stuffing	PC0045*	Unprocessed <u>non-reclaimed</u> fibers/materials*
PC0021	Paper products	PC0046*	Processed pre- and post-consumer materials
PC0022	Hard goods	PC0038	Other
PC0023	Packaging	PC9999	Write off / dummy
PC0024	Toys		

*Updated in ASR-213-V1.3

3.4. Product Details

3.4.1. *Appendix B - Mapping of Product Categories and Product Details and Appendix D - Illustrative Examples* provides guidance on how to use the product categories and product details.

Table 3.4: Product Details Classification

Code	Product detail	Code	Product detail
PD0001	Overcoats, jackets, vests	PD0058	Knitted fabrics
PD0002	Suits, suit- pants	PD0059	Woven fabrics
PD0003	Pants, trousers	PD0060	Terry fabrics
PD0004	Sweaters, pullovers, cardigans	PD0061	Denim fabrics
PD0005	Shirts, blouses	PD0062	Non-woven fabrics
PD0006	Undergarment, sleepwear, robes	PD0063	Special fabrics
PD0007	T-shirts, singlets	PD0064	Leather
PD0008	Activewear, sportswear	PD0065	Bonded leather
PD0009	Socks, hosiery	PD0066	Open-end yarns
PD0010	Workwear, uniforms	PD0067	Carded yarns
PD0011	Dresses, skirts	PD0101	Semi-combed yarns
PD0012	Brassieres, suspenders, garters	PD0102	Normally combed yarns
PD0013	Babies' clothing	PD0103	Highly combed yarns
PD0014	Babies' accessories	PD0068	Super combed yarns
PD0015	Bed linen, bed sheets	PD0069	Filament
PD0016	Table linen, tablecloth, napkins	PD0070	Yarns for hand knitting
PD0017	Towels, kitchen linen, toilet linen	PD0071	Core-spun yarns
PD0018	Food contact textiles	PD0072	Fancy yarns
PD0019	Blankets, bedspreads, quilts	PD0073	Tops
PD0020	Curtains, blinds	PD0074	Lint cotton
PD0021	Upholstery	PD0075	Raw fibers
PD0022	Carpets, rugs, floor coverings	PD0076	Raw silk
PD0023	Pillows, cushions	PD0077	Combed fibers
PD0024	Bags, handbags, totes, pouches	PD0078	Scoured fibers
PD0025	Luggage, suitcases	PD0079	Staple fibers
PD0026	Gloves, mittens, hand covering	PD0080	Mixed fibers
PD0027	Neckties, bow ties, cravats	PD0081	By-products
PD0028	Scarves, shawls, veils	PD0082	Comber noil
PD0029	Handkerchiefs	PD0083	Cotton linter
PD0030	Hats, caps, head coverings	PD0084	Tanned hide
PD0031	Belts	PD0085	Chips (pellets)
PD0032	Topical products	PD0086	Flakes
PD0033	Invasive products	PD0087	Popcorns

Code	Product detail	Code	Product detail
PD0034	Mattresses	PD0088	Seed cotton (raw cotton)
PD0035	Shoes	PD0089	Greasy wool
PD0036	Buttons	PD0090	Silk cocoons
PD0037	Zippers	PD0091	Greasy animal hair
PD0038	Labels, tags	PD0092	Pulp
PD0039	Trimmings	PD0093	Rawhide
PD0040	Interlining	PD0094	Reclaimed bottles
PD0041	Sewing threads	PD0095	Reclaimed fishing nets
PD0042	Tents, sails, camping goods	PD0096	Reclaimed textiles
PD0043	Tarpaulins, awnings	PD0097	Reclaimed ocean wastes
PD0044	Sleeping bags	PD0098	Reclaimed process wastes
PD0045	Automotive parts, upholstery	PD0099	Reclaimed down, feathers
PD0046	Building materials	PD0104	Woolen yarns
PD0047	Down, feather	PD0105	Semi-worsted yarns
PD0048	Man-made fiber filling	PD0106	Worsted yarns
PD0049	Natural fiber filling	PD0107	Lanolin / wool grease
PD0050	Cardboard, boxes	PD0108	Liquid latex
PD0051	Paper products	PD0109	Prevulcanized rubber latex
PD0052	Envelops, cards	PD0110	Rubber sheets
PD0053	Furniture	PD0111	Rubber crepes
PD0054	Decorative items	PD0112	Composite material
PD0055	Packing sacks, bags	PD0100	Other
PD0056	Soft toys	PD9999	Write off / dummy
PD0057	Hard toys		

3.5. Organic Standards

3.5.1. GOTS and Textile Exchange recognizes all organically grown material inputs from a farm certified by an accredited certification body that is part of the [IFOAM Family of Standards](#). The listing given here is only for guidance. The [IFOAM website](#) should be checked for the most up to date listing.

Table 3.5: Organic Farming Standards

Code	Organic Standard	Region
OS0001	Biocyclic Vegan Standard	Global
OS0002	IFOAM Standard	Global
OS0003	Standard for Forest Garden Products (FGP)	Global
OS0004	East African Organic Product Standard (EAOPS)	Africa
OS0049	Ecological Organic Standard for Ghana	Africa
OS0005	Fédération Nationale pour l'Agriculture Biologique (FENAB) Standard, Senegal	Africa
OS0051	National Organic Regulation of Morocco	Africa
OS0006	South African Organic Sector Organisation (SAOSO) Standard, South Africa	Africa
OS0050	Togo Organic Standard	Africa
OS0007	Tunisia Organic Regulation	Africa
OS0008	Argencert Organic Standard, Argentina	Americas
OS0009	Argentina Organic Regulation	Americas
OS0010	Canada Organic Regulation	Americas
OS0011	CCOF International Standard, USA	Americas
OS0012	Costa Rica Organic Regulation	Americas
OS0013	Ecuador Organic Regulation	Americas
OS0014	IBD Organic Guidelines, Brazil	Americas
OS0015	OIA Organic Standards, Argentina	Americas
OS0016	USA Organic Regulation (US-NOP)	Americas
OS0017	ACT Basic Standard, Thailand	Asia
OS0018	ASEAN Standard for Organic Agriculture (ASOA)	Asia
OS0019	Asian Regional Organic Standard (AROS)	Asia
OS0053	Bhutan Organic Standard	Asia
OS0052	BIO-KG Standard, Kyrgyzstan	Asia
OS0020	Biocert International Standards, India	Asia
OS0021	Certification Alliance Organic Standard (CertAll)	Asia
OS0022	China Organic Regulation (China National Organic Product Standard)	Asia
OS0023	DCOK, LLC International Standards, South Korea	Asia
OS0024	Diaoyutai Original Ecological Products Standard (DOPS), China	Asia
OS0025	Earth Tag Organic Standard, Malaysia	Asia
OS0026	HKORC Organic Standard, Hong Kong	Asia
OS0027	India Organic Regulation (India-NPOP)	Asia
OS0028	Israel Organic Regulation	Asia
OS0029	Japan Organic & Natural Foods Association (JONA) Organic Standard, Japan	Asia
OS0030	Japan Organic Regulation (JAS)	Asia
OS0031	Korea Organic Regulation	Asia
OS0032	MASIPAG Organic Standards, Philippines	Asia

Code	Organic Standard	Region
OS0033	OFDC Organic Certification Standard, China	Asia
OS0034	Saudi Arabia Organic Regulation	Asia
OS0035	Sunshine Earth Organic Standard, China	Asia
OS0036	Vietnam PGS Standards, Vietnam	Asia
OS0037	Bio Suisse Standards, Switzerland	Europe
OS0038	EU Organic Regulation	Europe
OS0039	Nature & Progrès Standards, France	Europe
OS0040	Switzerland Organic Regulation	Europe
OS0041	The EcoWellness Standard, Germany	Europe
OS0042	Turkey Organic Regulation	Europe
OS0043	AsureQuality Organic Standard, New Zealand	Oceania
OS0044	Australian Certified Organic Standard, Australia	Oceania
OS0045	NASAA Organic Standard, Australia	Oceania
OS0046	National Standard for Organic and Bio-Dynamic Produce, Australia	Oceania
OS0047	New Zealand Organic Export Regulation	Oceania
OS0048	Pacific Organic Standard, Pacific Community	Oceania

Appendix A - Raw Materials Mapping

The following table shows the mapping carried out between raw materials listed in [European Regulation on Fiber Labelling](#) and this classification.

	EU Regulation	Classification		EU Regulation	Classification
Animal	Alpaca	Alpaca	Synthetic	Acrylic	Acrylic
	Angora	Angora		Aramid	Other
	Animal hair	Other		Chlorofibre	Other
	Beaver	Other		Elastane	Elastane (spandex)
	Camel	Camel		Elastodiene	Other
	Cashgora	Other		Elastolefin	Other
	Cashmere	Cashmere		Elastomultiester	Elastomultiester
	Guanaco	Guanaco		Fluorofibre	Other
	Llama	Lama		Melamine	Other
	Mohair	Mohair		Modacrylic	Modacrylic
	Otter	Other		Polyacrylate	Other
	Silk	Silk		Polyamide or nylon	Polyamide (nylon)
	Vicuna	Vicuna		Polycarbamide	Other
	Wool	Wool		Polyester	Polyester
	Yak	Yak		Polyethylene	Polyethylene
	-	Down		Polyimide	Other
	-	Feather		Poly lactide	Other
-	Mixed down and feather				
-	Grease				
-	Leather	Polypropylene	Polypropylene		
-	Shearling				
-	Animal fiber other				
Plant	Abaca	Other	Polypropylene/polyamide bicomponent	Other	
	Broom	Other	Polyurethane	Polyurethane	
	Coir	Coir			
	Cotton	Cotton	Trivinyll	Other	
	Flax (or linen)	Flax (linen)	Vinyllal	Other	
			-	Acrylonitrile butadiene styrene (ABS)	
	Henequen	Other	-	Ethylene vinyl acetate	
	Jute	Jute			
	Kapok	Kapok	-	Polyethylene terephthalate (PET)	
	Maguey	Other	-	Poly lactic acid (PLA)	
	Ramie	Ramie	-	Polystyrene	
			-	Synthetic rubber	

EU Regulation		Classification	EU Regulation		Classification
			-		Thermoplastic elastomer (TPE)
			-		Thermoplastic rubber (TPR)
Sisal		Sisal	Cellulosic	Acetate	Acetate
Sunn		Other		Cupro	Cupro
				-	Diacetate
True hemp		Hemp		Alginate	Other
-		Bamboo		Lyocell	Lyocell
-		Natural rubber		Modal	Modal
-		Nettle		Triacetate	Triacetate
				Viscose	Viscose (rayon)

EU Regulation		Classification	EU Regulation		Classification
		Copper	Inorganic	-	Latex
Glass fiber		Glass		-	Metallic fibers
-		Iron			
-		Metal		-	Mixed fibers
				Protein	Protein
					Wood
-		Zinc			
			Misc.	-	Other

Appendix B - Mapping of Product Categories and Product Details

The following table outlines the recommended mapping of product details to product categories.

The mapping of product categories and product details to HS Code H3 is carried out for the sole purpose of facilitating a check for completeness. It is not intended as a specification on which customs code to apply.

Where a component of product detail is in question (e.g. shoe sole, jacket shell), users are recommended to select the whole product (i.e. shoe, jacket) and specify the component in *User Specific Term*.

Product Category	Product Detail	HS Code (H3)	Guidance
Men's apparel	<ul style="list-style-type: none"> – Overcoats, jackets, vests – Suits, suit- pants – Pants, trousers – Sweaters, pullovers, cardigans – Shirts, blouses – Undergarment, sleepwear, robes – T-shirts, singlets – Activewear, sportswear – Socks, hosiery – Workwear, uniforms 	<ul style="list-style-type: none"> – 6101,6201,62020 – 6103, 6203 – 6103, 6203 – 6110 – 6105, 6205 – 6107,6207 – 6109 – 6112, 6212 – 6115 – n/a 	If apparel is “Workwear, uniforms”, select this detail over the specific apparel type (e.g. “Pants, trousers”).
Women's apparel	<ul style="list-style-type: none"> – Overcoats, jackets, vests – Suits, suit- pants – Pants, trousers – Dresses, skirts – Sweaters, pullovers, cardigans – Shirts, blouses – Undergarment, sleepwear, robes – Brassieres, suspenders, garters – T-shirts, singlets – Activewear, sportswear – Socks, hosiery – Workwear, uniforms 	<ul style="list-style-type: none"> – 6102, 6202, 62030 – 6104, 6204 – 6104, 6204 – 6104, 6204 – 6110 – 6106, 6206 – 6108, 6208 – 6212 – 6109 – 6112, 6212 – 6115 – n/a 	
Children's apparel	See “Men’s apparel” or “Women’s apparel.”	See “Men’s apparel” or “Women’s apparel.”	
Unisex apparel			
Men's denim apparel			
Women's denim apparel			
Children's denim apparel			
Unisex denim apparel			
Home textiles	<ul style="list-style-type: none"> – Bed linen, bed sheets 	<ul style="list-style-type: none"> – 630210-39 	

Product Category	Product Detail	HS Code (H3)	Guidance
	<ul style="list-style-type: none"> - Table linen, tablecloth, napkins - Towels, kitchen linen, toilet linen - Food contact textiles - Blankets, bedspreads, quilts - Curtains, blinds - Upholstery - Carpets, rugs, floor coverings - Pillows, cushions 	<ul style="list-style-type: none"> - 630240-59 - 630260-99, 630710 - n/a - 6301, 630411-19 - 6303 - 6304 - 5701-05 - 940490 	
Carried accessories	<ul style="list-style-type: none"> - Bags, handbags, totes, pouches - Luggage, suitcases 	<ul style="list-style-type: none"> - 420221-29, 420231-39, 420291-99 - 420211-19 	
Worn accessories	<ul style="list-style-type: none"> - Gloves, mittens, hand coverings - Neckties, bow ties, cravats - Scarves, shawls, veils - Handkerchiefs - Hats, caps, head coverings 	<ul style="list-style-type: none"> - 6216, 420321-29 - 6215 - 6214 - 6213 - 6501-07 	
Personal care, hygiene	<ul style="list-style-type: none"> - Topical products - Invasive products 	<ul style="list-style-type: none"> - 560110, 4803 - 560110, 4818 	
Medical	<ul style="list-style-type: none"> - Topical products 	<ul style="list-style-type: none"> - 3005 	
Bedding	<ul style="list-style-type: none"> - Mattresses - Pillows, cushions 	<ul style="list-style-type: none"> - 940421-29 - 940490 	
Footwear	<ul style="list-style-type: none"> - Shoes 	<ul style="list-style-type: none"> - 6401-06 	“Shoes” covers all types of footwear, including sandals, boots, heels, etc.
Functional accessories	<ul style="list-style-type: none"> - Buttons - Zippers - Labels, tags - Trimmings - Interlining - Sewing threads 	<ul style="list-style-type: none"> - 9606 - 9607 - 5807 - 5808, 5809 - n/a - 5204, 5401, 5508 	
Outdoor	<ul style="list-style-type: none"> - Tents, sails, camping goods - Tarpaulins, awnings - Mattresses - Luggage, suitcases - Bags, handbags, totes, pouches - Sleeping bags - Rubber sheet - Rubber crepes - Composite materials 	<ul style="list-style-type: none"> - 630622/29/30/91/99 - 630612/19 - 630640 - 430211-19 - 420221-29, 420231-39, 420291-99 - 940430 - 4008 - 4001 - 4807 	
Industrial, technical	<ul style="list-style-type: none"> - Tarpaulins, awnings - Automotive parts, upholstery - Building materials - Wool Grease - Prevulcanized rubber latex - Rubber sheet - Rubber crepes 	<ul style="list-style-type: none"> - 630612/19 - 8708 - n/a - 1505 - 4001 - 4008 - 4001 	

Product Category	Product Detail	HS Code (H3)	Guidance
	– Composite materials	– 4807	
Filling, stuffing	– Down, feather – Man-made fiber filling – Natural fiber filling	– 050510 – n/a – n/a	“Down, feather” takes precedence over “Natural fiber filling.”
Paper products	– Cardboard, boxes – Labels, tags – Paper products – Envelops, cards	– 4819 – 4821 – 4802/05/07/08/10/11 – 4817	
Hard goods	– Furniture – Decorative items	– 9401-03, 940410 – n/a	For bedding related products, use product category “Bedding.”
Packaging	– Cardboard, boxes – Labels, tags – Packing sacks, bags	– 4819 – 4821 – 6305, 392329	“Packing sacks, bags” covers the use of polybags and other similar articles.
Toys	– Soft toys – Hard toys	– 9503 – 9503	
Greige fabrics	– Knitted fabrics – Woven fabrics – Terry fabrics – Denim fabrics	– 6001-06 – 5111-13, 5007, 5208-12, 5407-08, 5512-16-5309-11 – 5802 – 5209, 5211, 5212	“Terry fabrics” or “Denim fabrics” takes precedence over “Knitted fabrics” or “Woven fabrics.” “Dyed fabrics” refers to fabric output of dyeing processes.
Undyed fabrics	– Knitted fabrics – Woven fabrics – Terry fabrics – Denim fabrics	– 6001-06 – 5111-13, 5007, 5208-12, 5407-08, 5512-16-5309-11 – 5802 – 5209, 5211, 5212	“Greige fabrics” refers to fabric output of knitting and weaving processes. “Undyed fabrics” refers to fabric output of pre-treatment, ready for dyeing (RFD).
Dyed fabrics	– Knitted fabrics – Woven fabrics – Terry fabrics – Denim fabrics	– 6001-06 – 5111-13, 5007, 5208-12, 5407-08, 5512-16-5309-11 – 5802 – 5209, 5211, 5212	
Fabrics	– Non-woven fabrics – Special fabrics – Leather – Bonded leather	– 5601-03 – 5801, 5803-06, 5809-10, 59 – 4107, 4112-14 – 4115	“Special fabrics” include pile, chenille, tulles, laces, tapestries, narrow, embroidery, quilted, impregnated, coated, or processed not covered by “Knitted fabrics” or “Woven fabrics.” Product category “Fabrics” should only be applied for “Non-woven fabrics”, “Special fabrics”, “Leather”, “Bonded leather”, and other fabric types that cannot be covered by “Greige fabrics”, “Dyed fabrics”, and “Undyed fabrics.”
Greige yarns	– Open-end yarns – Carded yarns – Semi-combed yarns – Normally combed yarns – Highly combed yarns	– 520511/12/14/24, 520632 – 5106, 510810, 520513-15, 520611-15 – 5107, 510820, 520521-23/26-28, 520621-25, 520641-45	“Greige yarns” refer to yarn output of spinning processes. “Undyed yarns” refer to yarn output from pre-treatment, ready for dyeing (RFD).

Product Category	Product Detail	HS Code (H3)	Guidance
	<ul style="list-style-type: none"> - Super combed yarns - Filament - Yarn for hand knitting - Core-spun yarns - Fancy yarns - Sewing threads - Woolen yarn - Semi-worsted yarn - Worsted yarn 	<ul style="list-style-type: none"> - 5402-06, 5503, 5504, 5506, 5507, 5501, 5502 - n/a - n/a - 5604-09 - 5204, 5401, 5508 - 5109,5107 	<p>“Dyed yarns” refer to yarn output of dyeing processes.</p> <p>For input of recycled cotton and output of viscose or cupro covered by GRS and RCS, users are required to specify either “Viscose filament” or “Cupro filament” as a User Specific Term for product detail.</p> <p>Where mélange or embroidered yarn is a certified product, users are required to specify “Mélange yarns” or “Embroidery yarns” as a User Specific Term for product detail.</p> <p>Combing applied to different spinning processes produces combed yarns of varying quality that must be differentiated:</p> <ul style="list-style-type: none"> • Semi-combed (upgrading) with a noil percentages below 12%, • Normally combed, with a noil percentage between 12 to 18%, • Highly combed, with a noil percentage between 18 to 22%, and • Super combed, with a noil percentages above 22%.
Undyed yarns	<ul style="list-style-type: none"> - Open-end yarns - Carded yarns - Semi-combed yarns - Normally combed yarns - Highly combed yarns - Super combed yarns - Filament - Yarn for hand knitting - Core-spun yarns - Fancy yarns - Sewing threads - Woolen yarn - Semi-worsted yarn - Worsted yarn 	<ul style="list-style-type: none"> - 520511/12/14/24, 520632 - 5106, 510810, 520513-15, 520611-15 - 5107, 510820, 520521-23/26-28, 520621-25, 520641-45 - 5402-06, 5503, 5504, 5506, 5507, 5501, 5502 - n/a - n/a - 5604-09 - 5204, 5401, 5508’ - 5109,5107 	<p>Combing applied to different spinning processes produces combed yarns of varying quality that must be differentiated:</p> <ul style="list-style-type: none"> • Semi-combed (upgrading) with a noil percentages below 12%, • Normally combed, with a noil percentage between 12 to 18%, • Highly combed, with a noil percentage between 18 to 22%, and • Super combed, with a noil percentages above 22%.
Dyed yarns	<ul style="list-style-type: none"> - Open-end yarns - Carded yarns - Semi-combed yarns - Normally combed yarns - Highly combed yarns - Super combed yarns - Yarn for hand knitting - Core-spun yarns - Fancy yarns - Sewing threads - Woolen yarn - Sem-worsted yarn - Worsted yarn 	<ul style="list-style-type: none"> - 520511/12/14/24, 520632 - 5106, 510810, 520513-15, 520611-15 - 5107, 510820, 520521-23/26-28, 520621-25, 520641-45 - n/a - n/a - 5604-09 - 5204, 5401, 5508 - 5109,5107 	<ul style="list-style-type: none"> • Super combed, with a noil percentages above 22%.
Tops	<ul style="list-style-type: none"> - Tops 	<ul style="list-style-type: none"> - 5105 	
Undyed fibers	<ul style="list-style-type: none"> - Lint cotton - Raw fibers - Raw silk - Combed fibers - Scoured fibers - Staple fibers - Mixed fibers - By-products - Comber noil 	<ul style="list-style-type: none"> - 5203 - 530110-30, 5302, 5303, 5305 - 5002 - n/a - 510121-30, 5102 - n/a - 5202, 530130, 530290, 530390, 5305, 5003, 5006, 5103-04, 5505 - n/a - n/a 	<p>“Raw fibers” is applicable to all plant-based fibers (e.g. flax, hemp, jute, coconut, abaca, ramie).</p> <p>“Combed fibers” are applicable to combed wool and combed animal hair.</p> <p>“Staple fibers” and “Filament” is applicable to all cellulosic and synthetic fibers.</p> <p>“Comber noil” and “Cotton linter” takes precedence over “By-product.”.</p>

Product Category	Product Detail	HS Code (H3)	Guidance
	<ul style="list-style-type: none"> - Cotton linter 	<ul style="list-style-type: none"> - n/a 	<p>When “By-products” are used as product details, users are required to specify the details as User Specific Terms.</p>
Dyed fibers	<ul style="list-style-type: none"> - Lint cotton - Raw fibers - Raw silk - Combed fibers - Scoured fibers - Staple fibers - Filament - Mixed fibers - By-products - Comber noil 	<ul style="list-style-type: none"> - 5203 - 530110-30, 5302, 5303, 5305 - 5001, 5002 - n/a - 510121-30, 5102 - 5503, 5504, 5506, 5507 - 5501, 5502 - n/a - n/a - n/a 	<p>“Raw fibers” are applicable to all plant-based fibers (e.g. flax, hemp, jute, coconut, abaca, ramie).</p> <p>“Combed fibers” are applicable to combed wool and combed animal hair.</p> <p>“Staple fibers” and “Filament” is applicable to all cellulosic and synthetic fibers.</p> <p>“Comber noil” takes precedence over “By-products.”</p> <p>When “By-products” is used as product detail, users are required to specify the details as a User Specific Term.</p>
Processed materials	<ul style="list-style-type: none"> - Down, feather - Tanned hide - Chips (pellets) - Flakes - Pulp - Popcorns 	<ul style="list-style-type: none"> - 050510 - 4104-06 - 3901-02, 3906-09 - 3901-02, 3906-09 - 3901-02, 3906-09 - 3901-02, 3906-09 	<p>“Chips (pellets)”, “Flakes” and “Popcorns” are applicable to synthetic fibers.</p> <p>“Pulp” includes wood pulp, cotton pulp, cotton linter pulp, etc. Users are required to specify the details as a User Specific Term.</p>
Unprocessed fibers/materials	<ul style="list-style-type: none"> - Seed cotton (raw cotton) - Greasy wool - Silk cocoons - Greasy animal hair - Pulp - Down, feather - Rawhide - Flakes - Popcorns 	<ul style="list-style-type: none"> - 5201 - 510111-19 - 5001 - n/a - 47 - 050510 - 4101-03 - 3901-02, 3906-09 - 3901-02, 3906-09 	<p>“Chips (pellets)”, “Flakes” and “Popcorns” are applicable to synthetic fibers.</p>
Reclaimed pre-consumer materials	<ul style="list-style-type: none"> - Reclaimed bottles - Reclaimed fishing nets 	<ul style="list-style-type: none"> - n/a - n/a 	<p>When “Reclaimed process waste” is used as product detail, users are required to specify the details as a User Specific Term.</p> <p>Note: Users are required to obtain approval from Assurance@TextileExchange.org for the use of “Reclaimed ocean waste” as a product as specific verification processes are required.</p>
Reclaimed post-consumer materials	<ul style="list-style-type: none"> - Reclaimed textiles - Reclaimed ocean waste - Reclaimed process waste 	<ul style="list-style-type: none"> - n/a - n/a - n/a 	

Appendix C - Reporting Framework

Raw materials	Reclaimed materials	Process	Unprocessed fibers/ materials or Processed materials	Process	Dyed fibers, Undyed fibers or Processed materials	Process	Top making	Process	Dyed yarns, Greige yarns or Undyed yarns	Process	Process	Dyed fabrics, Greige fabrics or Undyed fabrics	Process any level	
Plant	Cotton	-	Seed cotton Cotton linter	Ginning	Lint cotton Comber noil	Spinning	-	-	Open-end yarn Carded yarn Combed yarn	- Prepatory -	Knitting Weaving	Knitted fabric Woven fabric	Dyeing Finishing Washing, laundrying Manufacturing Packing Printing Trading Warehousing, distribution Embroidery, embellishment Retail sales Pre-treatment By-product	
	Other plant-based fibers	-	-	-	Raw fiber	Spinning	-	-	Carded yarn	- Prepatory	Knitting Weaving	Knitted fabric Woven fabric		
Animal	Silk	-	-	-	Raw silk	Spinning	-	-	Staple yarn Filament	- Prepatory	Knitting Weaving	Knitted fabric Woven fabric		
	Wool	-	Breeding Farm production Slaughtering	Greasy wool	Pre-treatment	Combed fibers Scoured fibers Comber noil	Spinning	Tops	Topmaking	Carded yarn Combed yarn	- Prepatory	Knitting Weaving		Knitted fabric Woven fabric
	Cashmere Mohair	-	Breeding Farm production Slaughtering	Greasy animal hair	Pre-treatment	Combed fibers Scoured fibers Comber noil	Spinning	Tops	Topmaking	Carded yarn Combed yarn	- Prepatory	Knitting Weaving		Knitted fabric Woven fabric
	Other animal hairs	-	Breeding Farm production Slaughtering	-	-	Combed fibers Scoured fibers Comber noil	Spinning	Tops	Topmaking	Carded yarn Combed yarn	- Prepatory	Knitting Weaving		Knitted fabric Woven fabric
	Down, feather	-	Breeding Farm production Hatchery Collecting Slaughtering	Down, feather	Down processing	Down, feather	-	-	-	-	-	-		-
	Leather	-	Breeding Farm production Slaughtering	Raw hide	Tanning Pre-treatment	Tanned hide	-	-	-	-	-	-		Leather
Cellulosics	-	-	Pulp	Extrusion Pre-treatment	Staple fibers Filament	Spinning	-	-	Open-end yarn Carded yarn Combed yarn Filament	- Prepatory -	Knitting Weaving	Knitted fabric Woven fabric		
Synthetics	-	-	Chips (pellets) Flakes Popcorn	Extrusion Pre-treatment	Staple fibers Filament	Spinning	-	-	Open-end yarn Carded yarn Combed yarn Filament	- Prepatory -	Knitting Weaving	Knitted fabric Woven fabric		
Recycled	Reclaimed bottles Reclaimed fishing nets Reclaimed textiles Reclaimed ocean wastes Reclaimed process waste	Concentrating	Chips (pellets) Flakes Popcorn	Extrusion Pre-treatment	Staple fibers Filament	Chemical recycling Mechanical recycling Biological recycling	-	-	Open-end yarn Carded yarn Combed yarn Filament	- Prepatory -	Knitting Weaving	Knitted fabric Woven fabric		
Mixed	-	-	-	-	-	Spinning	-	-	Core-spun yarns	- Prepatory	Knitting Weaving	Knitted fabric Woven fabric		
	-	-	-	-	-	Spinning	-	-	Fancy yarns	-	Knitting	Special fabric		
	-	-	-	-	-	-	-	-	Others	-	-	-		

Note: This table was not updated in ASR-213-V1.3

Appendix D - Illustrative Examples

This section provides some illustrative examples of how raw materials, process categories, product categories, and product details should be applied. These are illustrative examples for guidance purposes only. Users are expected to carry out their own assessment of the certified product and exercise their best judgment on how to use the product categories and product details in accordance with the objectives of this classification.

In contrast to process categories, product categories, and product details, *User Specific Term* must not be used to replace the names of any raw materials listed in this classification, except for those classed as “Other” (RM0262 to RM0267). In such exceptions, the use of *User Specific Term* must be generic and shall not, under any circumstances, contain tradenames, names of standards, programs, and initiatives, or names of breeds, varieties, and species. The use of *User Specific Term* is illustrated below in [blue] together with the respective official classification terms. On the printed certificate, either the *User Specific Term* or the official term should be displayed.

Examples of acceptable and not acceptable application of *User Specific Term* on the printed certificates:

✔	Official processing category: User Specific Term applied:	Ginning (PR0013) Ginning and delinting (PR0013)
✔	Official raw material: User Specific Term applied:	Other (RM0262) Silver (RM0262)
✘	Official raw material: User Specific Term applied:	Wool (RM0077) Merino wool (RM0077)
✘	Official raw material: User Specific Term applied:	Cotton (RM0102) Egyptian cotton (RM0102)

Example 1: Cotton Linter

As a by-product of the Ginning (PR0013) process, Cotton linter (PD0083) product detail should be applied to Undyed fibers (PC0034) product category. Users should specify Delinting as a *User Specific Term* of the Ginning process for specificity.

Scope Certificate – Cover Page

Product category	Undyed fibers (PC0034)
Processing step/activity	Ginning [Ginning and delinting] (PR0013)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
------------------	----------------	----------------------	------------------------

Undyed fibers (PC0034)	Lint cotton (PD0074)	100% Organic cotton (RM0104)	OCS (OCS 100)
Undyed fibers (PC0034)	Cotton linter (PD0083)	100% Organic cotton (RM0104)	OCS (OCS 100)

Example 2: Yarns, Comber Noil, and Tops

Open-end yarns (PD0066), Carded yarns (PD0067), Semi-combed yarns (PD00101), Normally combed yarns (PD0102), Highly combed yarns (PD0103), and Super combed yarns (PD0068), Filament (PD0069), Yarns of hand knitting (PD0070), Core-spun yarns (PD0071), Fancy yarns (PD0072), and Sewing threads (PD0041) are possible product details for Dyed yarns (PC0029), Greige yarns (PC0030), and Undyed yarns (PC0031) product categories.

As a by-product of the Spinning (PR0026) process, Comber noil (PD0082) product detail should be applied to either Dyed fibers (PC0033) or Undyed fibers (PC0034) product categories.

Scope Certificate – Cover Page

Product category	Greige yarns (PC0030); Undyed fibers (PC0034); Tops (PC0032)
Processing step/activity	Spinning (PR0027); Top making (PR0029)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Greige yarns (PC0030)	Open-end yarns (PD0066)	100% Organic cotton (RM0104)	OCS (OCS 100)
Greige yarns (PC0030)	Core-spun yarn (PD0071)	97% Organic cotton (RM0104) + 3% Elastane (spandex) (RM0160)	OCS (OCS 100)
Undyed fibers (PC0034)	Comber noil (PD0082)	100% Organic cotton (RM0104)	OCS (OCS 100)
Greige yarns (PC0030)	Carded yarns (PD0067)	100% Organic wool (RM0079)	OCS (OCS 100)
Greige yarns (PC0030)	Super combed yarns (PD0068)	100% Organic wool (RM0079)	OCS (OCS 100)
Greige yarns (PC0030)	Core-spun yarn (PD0071)	97% Organic wool (RM0079) + 3% Elastane (spandex) (RM0160)	OCS (OCS 100)
Undyed fibers (PC0034)	Comber noil [Comber noil - blousse] (PD0081)	100% Organic wool (RM0079)	OCS (OCS 100)
Undyed fibers (PC0034)	Combed fibers (PD0098)	100% Organic wool (RM0079)	OCS (OCS 100)
Dyed fibers (PC0035)	Combed fibers (PD0098)	100% Organic wool (RM0079)	OCS (OCS 100)
Tops (PC0032)	Tops (PD0073)	100% Organic wool (RM0079)	OCS (OCS 100)

Example 3: Knitted Fabrics, Woven Fabrics, Terry Fabrics, and Denim Fabrics

Knitted fabrics (PD0058), Woven fabrics (PD0059), Terry fabrics (PD0060), Denim fabrics (PD0061), and other similar product details should be applied to Dyed fabrics (PC0025), Greige fabrics (PC0026), and Undyed fabrics (PC0027) product categories. Since Terry fabrics and Denim fabrics are more specific, the application of Terry fabrics and Denim fabrics takes precedence over Woven fabrics in product details.

Scope Certificate – Cover Page

Product category	Dyed fabrics (PC0025); Greige fabrics (PC0026); Undyed fabrics (PC0027)
Processing step/activity	Preparatory (PR0022); Weaving (PR0033); Knitting (PR0015); Dyeing (PR0008); Finishing (PR0012); Printing (PR0023)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Dyed fabrics (PC0025)	Terry fabrics (PD0060)	5% Recycled pre-consumer cotton (RM0106) + 95% Recycled post-consumer cotton (RM0107)	RCS (RCS 100)
Dyed fabrics (PC0025)	Denim fabrics (PD0061)	5% Recycled pre-consumer cotton (RM0106) + 95% Recycled post-consumer cotton (RM0107)	RCS (RCS 100)
Printed fabrics (PC0039)	Woven fabrics (PD0059)	20% Recycled pre-consumer cotton (RM0106) + 80% Polyester (RM0186)	RCS (RCS Blended)
Greige fabrics (PC0026)	Knitted fabrics (PD0058)	5% Recycled pre-consumer cotton (RM0106) + 95% Polyester (RM0186)	RCS (RCS Blended)
Greige fabrics (PC0026)	Woven fabrics (PD0059)	20% Recycled pre-consumer cotton (RM0106) + 80% Polyester (RM0186)	RCS (RCS Blended)
Undyed fabrics (PC0027)	Knitted fabrics (PD0058)	5% Recycled pre-consumer cotton (RM0106) + 95% Polyester (RM0186)	RCS (RCS Blended)
Undyed fabrics (PC0027)	Woven fabrics (PD0059)	20% Recycled pre-consumer cotton (RM0106) + 80% Polyester (RM0186)	RCS (RCS Blended)

Example 4: Non-woven Fabrics, Special Fabrics, Leather, and Bonded Leather

Product category Fabrics (PC0028) should only be used for product details such as Non-woven fabrics (PD0062), Special fabrics (PD0063), Leather (PD0064), Bonded leather (PD0065), and other fabric types that cannot be covered by Dyed fabrics (PC0025), Greige fabrics (PC0026), and Undyed fabrics (PC0027) product categories. The following example shows how Non-woven fabric should be specified, Special fabrics, Leather, and Bonded leather can be applied the same way with respect to their own processing step/activity.

Scope Certificate – Cover Page

Product category	Fabrics (PC0028)
Processing step/activity	Non-woven manufacturing (PR0019)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Fabrics (PC0028)	Non-woven fabrics (PD0062)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)
Fabrics (PC0028)	Non-woven fabrics (PD0062)	35% Recycled post-consumer polyester (RM0189) + 30% Polyamide (nylon) (RM0182) + 35% Polyester (RM0186)	RCS (RCS Blended)

Example 5: Trims and Accessories

Only trims and accessories that are independently certified can be specified as products. In such cases, they fall within the Functional accessories (PC0017) product category. Available product details within this category include Buttons (PD0036), Zippers (PD0037), Labels, Tags (PD0038), Trimmings (PD0039), Interlining (PD0040), and Sewing threads (PD0041).

Scope Certificate – Cover Page

Product category	Functional accessories (PC0017)
Processing step/activity	Dyeing (PR0008); Finishing (PR0012); Manufacturing (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Functional accessories (PC0017)	Buttons (PD0036)	20% Recycled pre-consumer metal (RM0248) + 54% Copper (RM0292) + 26% Other [Silver] (RM0262)	RCS (RCS Blended)
Functional accessories (PC0017)	Zippers (PD0037)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)
Functional accessories (PC0017)	Other [Resin] (PD0100)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)

Example 6: Supplier Tradename

A seller's product tradename may be specified as part of a *User Specific Term* for product details of the seller's scope and transaction certificates for a given product. Tradenames cannot be specified on either a buyer's scope or transaction certificates, even if the buyer is buying that product with a transaction certificate bearing a seller's tradename.

When a seller's tradename is used, it must appear as part of a *User Specific Term* for product detail.

Scope Certificate – Cover Page

Product category	Bedding (PC0015)
Processing step/activity	Manufacturing (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Bedding (PC0015)	Mattresses [RestFree™ Mattresses] (PD0034)	100% Organic cotton (RM0104)	OCS (OCS 100)

Example 7: Components

Where a component of a product is in question (e.g. shoe sole, jacket shell), users should select the official product detail code which matches the product as a whole (e.g. shoe, jacket) and then specify the particular component as a *User Specific Term*. Each component should be specified as a product on its own with corresponding material and material composition.

Scope Certificate – Cover Page

Product category	Footwear (PC0016)
Processing step/activity	Weaving (PR0033)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Footwear (PC0016)	Shoes [Shoes - upper material] (PD0035)	100% Organic cotton (RM0104)	OCS (OCS 100)
Footwear (PC0016)	Shoes [Shoes - lining] (PD0035)	100% Organic cotton (RM0104)	OCS (OCS 100)
Footwear (PC0016)	Shoes [Shoes - fabric] (PD0035)	100% Organic cotton (RM0104)	OCS (OCS 100)

Scope Certificate – Cover Page

Product category	Men's apparel (PC0001)
Processing step/activity	Manufacturing (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Men's apparel (PC0001)	Jackets, [Jacket - Inner fabric] (PD0001)	100% Organic cotton (RM0104)	OCS (OCS 100)
Men's apparel (PC0001)	Jackets, [Jacket - outer fabric] (PD0001)	100% Organic cotton (RM0104)	OCS (OCS 100)
Men's apparel (PC0001)	Buttons (PD0036)	20% Recycled pre-consumer metal (RM0248) + 54% Copper (RM0292) + 26% Other [Silver] (RM0262)	RCS (RCS Blended)

Example 8: Mélange Yarns and Fabrics

For mélange yarns and fabrics, users should select either the Dyed yarns (PC0029) and Dyed fabrics (PC0025) as the product category, select respective yarn types as the product detail and specify mélange followed by the yarn type as the *User Specific Term*.

Scope Certificate – Cover Page

Product category	Dyed fibers (PC0033); Dyed yarns (PC0029); Dyed fabrics (PC0025)
Processing step/activity	Pre-treatment (PR0021); Dyeing (PR0008); Finishing (PR0012); Spinning (PR0027); Preparatory (PR0022); Knitting (PR0015)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Dyed fibers (PC0033)	Staple fibers (PD0079)	100% Organic cotton (RM0104)	OCS (OCS 100)
Dyed yarns (PC0029)	Open-end yarns [Mélange open-end yarns] (PD0066)	96% Organic cotton (RM0104) + 4% Polyester (RM0186)	OCS (OCS 100)
Dyed fabrics (PC0025)	Knitted fabrics [Mélange knitted fabrics] (PD0058)	100% Organic cotton (RM0104)	OCS (OCS 100)

Example 9: Filling, Stuffing

The Filling, stuffing (PC0020) product category should only be applied to an output of a processor (see: Example 13: Down Farm Production → Trading). When specifying the filling/stuffing of a product, users should specify the product category of the finished product (i.e., Men’s apparel), in the product detail select the appropriate classification (i.e., Overcoats, jacket, vests), then specify “filling, stuffing” as a *User Specific Term* for product details (e.g. Vests – filling, stuffing).

Scope Certificate – Cover Page

Product category	Men’s apparel (PC0001)
Processing step/activity	Manufacturing (PR0016)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Men’s apparel (PC0001)	Overcoat, jackets, vests [Jacket – filling, stuffing] (PD0001)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)
Men’s apparel (PC0001)	Overcoat, jackets, vests [Vests – filling, stuffing] (PD0001)	100% Recycled pre-consumer cotton (RM0106)	RCS (RCS 100)

Example 10: Recycled Cotton Pulp → Viscose Products

1st Processing Step: Recycled Cotton Pulp

Where cotton is recycled into viscose fibers, yarns, fabrics, and products, users should maintain the original material composition of recycled cotton (e.g. 5% Recycled pre-consumer cotton + 95% Wood) in the scope certificate and in the transaction certificates along the supply chain. Users should then specify “viscose” as a *User Specific Term* for the fiber, yarn, fabric, or product details, as shown below.

Scope Certificate – Cover Page

Product category	Processed post-consumer materials (PC0035)
Processing step/activity	Pulp making (PR0024)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Processed materials (PC0035)	Pulp (PD0092)	100% Recycled pre-consumer cotton (RM0106)	RCS (RCS 100)

2nd Processing Step: Recycled Cotton Pulp → Viscose Fiber/Filament

Scope Certificate – Cover Page

Product category	Undyed fibers (PC0034); Dyed yarns (PC0029)
Processing step/activity	Extrusion (PR0010)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Undyed fibers (PC0034)	Staple fibers [Viscose staple fibers] (PD0079)	5% Recycled pre-consumer cotton (RM0106) + 95% Wood (RM0250)	RCS (RCS Blended)
Dyed yarns (PC0029)	Filament [Viscose filament] (PD0069)	20% Recycled pre-consumer cotton (RM0106) + 80% Wood (RM0250)	RCS (RCS Blended)

3rd Processing Step: Viscose Fiber/Filament à Viscose Fabrics

Scope Certificate – Cover Page

Product category	Greige fabrics (PC0026)
Processing step/activity	Preparatory (PR0022); Weaving (PR0033); Knitting (PR0015)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Greige fabrics (PC0026)	Knitted fabrics [Viscose knitted fabrics] (PD0058)	5% Recycled pre-consumer cotton (RM0106) + 95% Wood (RM0250)	RCS (RCS Blended)
Greige fabrics (PC0026)	Woven fabrics [Viscose filament] (PD0059)	20% Recycled pre-consumer cotton (RM0106) + 80% Wood (RM0250)	RCS (RCS Blended)

4th Processing Step: Viscose Fabrics → Viscose Products

Scope Certificate – Cover Page

Product category	Women's apparel (PC0002); Undyed fabrics (PC0027); Dyed fabrics (PC0025)
Processing step/activity	Pre-treatment (PR0021); Preparatory (PR0023); Weaving (PR0033); Knitting (PR0015); Dyeing (PR0009); Finishing (PR0012)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Women's apparel (PC0002)	Socks, hosiery [Viscose socks] (PD0009)	20% Recycled pre-consumer cotton (RM0106) + 80% Wood (RM0250)	RCS (RCS Blended)
Undyed fabrics (PC0027)	Knitted fabrics [Viscose knitted fabrics] (PD0058)	5% Recycled pre-consumer cotton (RM0106) + 95% Wood (RM0250)	RCS (RCS Blended)
Undyed fabrics (PC0027)	Woven fabrics [Viscose woven fabrics] (PD0059)	20% Recycled pre-consumer cotton (RM0106) + 80% Wood (RM0250)	RCS (RCS Blended)
Dyed fabrics (PC0025)	Knitted fabrics [Viscose knitted fabrics] (PD0058)	5% Recycled pre-consumer cotton (RM0106) + 95% Wood (RM0250)	RCS (RCS Blended)
Dyed fabrics (PC0025)	Woven fabrics [Viscose woven fabrics] (PD0059)	20% Recycled pre-consumer cotton (RM0106) + 80% Wood (RM0250)	RCS (RCS Blended)

Example 11: Bamboo → Viscose Products

Where products are made from Viscose (rayon) with Bamboo as a feedstock, users should specify Bamboo as the raw material, select product details, and specify “viscose” as a *User Specific Term*.

Scope Certificate – Cover Page

Product category	Undyed fibers (PC0034); Dyed yarns (PC0029)
Processing step/activity	Extrusion (PR0010)

Scope Certificate – Product Appendix

3.3Product category	Product detail	Material composition	Standard (Label Grade)
Undyed fibers (PC0034)	Staple fibers [Viscose staple fibers] (PD0079)	100% Organic bamboo (RM0092)	OCS (OCS 100)
Dyed yarns (PC0029)	Filament [Viscose filament] (PD0069)	100% Organic bamboo (RM0092)	OCS (OCS 100)

Example 12: Reclaimed Bottles → Recycled Polyester Fabrics

1st Processing Step: Bottles → Flakes/Popcorns

For PET bottles at the collector/concentrator level, users should select Reclaimed materials as the product category and Reclaimed bottles as product detail. As PET bottles have not yet gone through the recycling process, only Polyethylene terephthalate (PET), not Recycled post-consumer polyester, can be specified as the raw material.

Flakes (PD0085) and Popcorns (PD0086) can either be applied to Unprocessed fibers/materials (PC0036) or Processed materials (PC0035) product categories (e.g. if the flakes are bleached, they are considered processed). However, Chips (pellets) (PD0084) should only be applied to the Processed materials (PC0035) category.

Scope Certificate – Cover Page

Product category	Reclaimed post-consumer materials (PC0037); Unprocessed post-consumer fibers/materials (PC0036); Processed post-consumer materials (PC0035)
Processing step/activity	Collecting (PR0005); Concentrating (PR0006)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Reclaimed post-consumer materials (PC0037)	Reclaimed bottles (PD0094)	100% Post-consumer polyethylene terephthalate (PET) (RM0197)	GRS
Unprocessed post-consumer fibers/materials (PC0036)	Flakes (PD0086)	100% Post-consumer polyethylene terephthalate (PET) (RM0197)	GRS
Processed post-consumer materials (PC0035)	Flakes (PD0086)	100% Post-consumer polyethylene terephthalate (PET) (RM0197)	GRS
Unprocessed post-consumer fibers/materials (PC0036)	Popcorns (PD0087)	100% Post-consumer polyethylene terephthalate (PET) (RM0197)	GRS
Processed post-consumer materials (PC0035)	Popcorns (PD0087)	100% Post-consumer polyethylene terephthalate (PET) (RM0197)	GRS

2nd Processing Step: Flakes/Popcorns → Staple Fiber/Filament

Once Reclaimed bottles, Flakes, or Popcorns have gone through recycling, users can select Recycled post-consumer polyethylene terephthalate (PET) as the raw material.

Chips (pellets) (PD0085) should only be applied to the Processed materials (PC0035) category.

Scope Certificate – Cover Page

Product category	Processed materials (PC0035); Undyed fibers (PC0034); Dyed fibers (PC0033); Greige yarns (PC0030); Dyed yarns (PC0029)
Processing step/activity	Mechanical recycling (PR0017); Extrusion (PR0010)

Scope Certificate – Product Appendix

Product category	Product detail	Material composition	Standard (Label Grade)
Processed materials (PC0035)	Chips (pellets) (PD0085)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)
Undyed fibers (PC0034)	Staple fibers (PD0079)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)
Dyed fibers (PC0033)	Staple fibers (PD0079)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)
Greige yarns (PC0030);	Filament (PD0069)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)
Dyed yarns (PC0029)	Filament (PD0069)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)

3rd Processing Step: Staple Fiber/Filament → Yarns/Fabrics

Scope Certificate – Cover Page

Product category	Greige yarns (PC0030); Greige fabrics (PC0026)
Processing step/activity	Spinning (PR0027); Preparatory (PR0022); Weaving (PR0033); Knitting (PR0015)

Scope Certificate – Product Appendix

Product category	Product details	Material composition	Standard (Label Grade)
Greige yarns (PC0030)	Open-end yarns (PD0066)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)
Greige yarns (PC0030)	Carded yarns (PD0067)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)
Greige fabrics (PC0026)	Knitted fabrics (PD0058)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)
Greige fabrics (PC0026)	Woven fabrics (PD0059)	100% Recycled post-consumer polyester (RM0189)	RCS (RCS 100)

Example 13: Down Farm Production → Trading

1st Processing Step: Farm Production, Slaughtering, Down Processing

To cover Farm production (PR0012), users should select Unprocessed fibers/materials (PC0036) as the code for product category and specify “Birds” as a *User Specific Term*, then select Down, feather (PD0047) as code for product details and specify the bird type (i.e., Grey goose) as a *User Specific Term*.

The output of the slaughterhouse is Unprocessed fibers/materials (PC0036) product category and Down, feather (PD0047) product detail. *User Specific Term* should then be used to specify the species and color of the down/feather (i.e., Grey goose down, feather or White goose down, feather).

The output of down processing is Filling, stuffing (PC0020) product category and Down, feather (PD0047) product detail. Here again, *User Specific Term* should be used to specify the blend of species and color of down/feather (i.e., Grey goose down, feather or Grey goose down, feather + White goose down, feather).

Scope Certificate – Cover Page

Product category	Unprocessed post-consumer fibers/materials [Birds] (PC0036); Filling, stuffing (PC0020)
Processing step/activity	Farm production (PR0011); Slaughtering (PR0026); Down processing (PR0007)

Scope Certificate – Product Appendix

Product category	Product details	Material composition	Standard (Label Grade)
Filling, stuffing (PC0020)	Down, feather [Grey goose] (PD0047)	100% Responsible feather (RM0039)	RDS
Filling, stuffing (PC0020)	Down, feather [Grey goose] (PD0047)	100% Responsible down (RM0032)	RDS
Filling, stuffing (PC0020)	Down, feather [White goose] (PD0047)	100% Responsible feather (RM0039)	RDS
Filling, stuffing (PC0020)	Down, feather [White goose] (PD0047)	100% Responsible down (RM0032)	RDS
Filling, stuffing (PC0020)	Down, feather [Grey goose down, feather] (PD0047)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	RDS
Filling, stuffing (PC0020)	Down, feather [White goose down, feather] (PD0047)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	RDS
Filling, stuffing (PC0020)	Down, feather [White goose down, feather + Grey goose down, feather] (PD0047)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	RDS

2nd Processing Step: Manufacturing

When specifying the filling and/or stuffing of a product, users should specify the product category of the finished product (i.e., Men's apparel), select an appropriate class for product detail (e.g. Overcoats, jacket, vests) and specify "filling, stuffing" as a *User Specific Term* (e.g. Vests – filling, stuffing).

Scope Certificate – Cover Page

Product category	Men's apparel (PC0001); Home textiles (PC0010)
Processing step/activity	Manufacturing (PR0016)

Scope Certificate – Product Appendix

Product category	Product details	Material composition	Standard (Label Grade)
Home textiles (PC0010)	Pillows, cushions [Pillows – filling, stuffing] (PD0023)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	RDS
Men's apparel (PC0001)	Overcoats, jackets, vests [Jackets – filling, stuffing] (PD0001)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	RDS

3rd Processing Step: Trading

Since the product is for filling, stuffing, the term should be replicated in the product details for trading and subsequent supply chain processes.

Scope Certificate – Cover Page

Product category	Men's apparel (PC0001); Home textiles (PC0010)
Processing step/activity	Trading (PR0030); Warehousing, distribution (PR0031)

Scope Certificate – Product Appendix

Product category	Product details	Material composition	Standard (Label Grade)
Home textiles (PC0010)	Pillows, cushions [Pillows – filling, stuffing] (PD0023)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	RDS
Men's apparel (PC0001)	Overcoats, jackets, vests [Jackets – filling, stuffing] (PD0001)	80% Responsible feather (RM0039) + 20% Responsible down (RM0032)	RDS

Example 14: RAF → RMS, RWS & RAS product

Scope Certificate – Cover Page

Product category	Men’s apparel (PC0001)
Processing step/activity	Manufacturing (PR0016)

Scope Certificate – Product Appendix

Product category	Product details	Material composition	Standard (Label Grade)
Men’s apparel (PC0001)	Shirts, blouses (PD0005)	100% Responsible wool (RM0083)	RWS
Men’s apparel (PC0001)	Shirts, blouses (PD0005)	100% Responsible mohair (RM0064)	RMS
Men’s apparel (PC0001)	Shirts, blouses (PD0005)	50% Responsible wool (RM0083) + 50% Responsible mohair (RM0064)	RWS ; RMS
Men’s apparel (PC0001)	Shirts, blouses (PD0005)	5% Responsible wool (RM0083) + 95% Mohair (RM0064)	RWS
Men’s apparel (PC0001)	Shirts, blouses (PD0005)	50% Responsible mohair (RM0064) + 50% Wool (RM0077)	RMS