

D3.1 Synthetic polymers for material layers and fibers

The company applying for license for Good Environmental Choice (Bra Miljöval) shall before Part D3.1 is sent to the company the manufacturer of material layers or fibres, enter their own company name and the name of the product/product group the material(s) is related to.

Name of the company applying for license
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Name of product/product group concerned by the below information
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Part D3.1 is filled in by the manufacturer of material layers or fibres.

The Licensee shall attach requested certificates and other documentation.

By request of the Swedish Society for Nature Conservation, the manufacturer shall be prepared to provide documentation that verifies the information stated in Part D3.1.

Materials contained in the licensed product/product group must satisfy the requirements specified in the criteria for Good Environmental Choice - Textiles 2012. This text is a translation. The Swedish version always prevails.

References are to sections of the Criterion document.

Company name of production unit

D3.1.1 Polymers from new raw materials (Sections 3.5, 4.3)

Are not contained in the product

Are contained in the product as:

Polyester fiber

Polyurethane-/elastane fibre

Membrane, film, foil

Foam

Film transfer print

Adhesive

Other:

Type of polymer

Commercial name:

Supplier:

Banned substances according to requirements in section 5.1.1 may not be contained in the material, be released or have been used in the manufacturing. This is verified in part F.2.1.

Part F.2.1 (Banned substances) *is attached*.

Polyester from new raw material

No substances banned according to requirements in section 5.1.1 have been added during the spinning of fibres. This is verified in part F.2.1.

Part F.2.1 (Chemicals) *is attached*.

The declared materials do not contain substances banned according to requirements in section 5.1.1. This is verified in Part F.2.1. Exceptions are solvents, which are recovered by at least 99%.

State value:

Documentation verifying the above *is attached*.

No optical brighteners are contained.

Optical brighteners from recycled materials are contained.

Optical brighteners were added during spinning.

Part F (Chemicals) *is attached*.

Average emissions of volatile organic compounds (VOC) used in polymerisation do not exceed 1 g/kg of produced polyester resin per year.

Antimony content does not exceed 260 mg/kg polyester fibres

State value:

Documentation verifying the above *is attached*.

Polyuretan – Class II

Not contained in the product

For fiber, specify spinning method:

Aromatic solvents are used in the production and are recovered by at least 99%.

State value:

Name of solvent used:

Solvents (not aromatic) are used in the production and are recovered by at least 99%. State value:

Name of solvent used:

Discharge of aromatic di-isocyanates during polymerisation, spinning, production of polyurethane material lays (mg/kg) is on average less than 5 mg/kg per year.

State value:

Above requested values concerning solvents and di-isocyanates are verified by *attached analysis reports* from accredited laboratory.

For material layers of polyurethane, the content of isocyanates shall be specified.

State which ones:

A description of how the bonding process works and which protective measures been taken to reduce the potential health risks is attached.

D3.1.2 Recycled polyester, polyamide and polypropene

(Sections 2.8.2, 3.6, 4.3)

Not contained in the product.

Polymers contained in the product

Polyester

Polyamide

Polypropene

Are contained in the product as

Fibers

Membrane, film, foil

Foam

Other:

Declaration of origin from external controller, e.g. SGS, verifying that the recycled materials fulfil the definition of recycled materials according to demands in 2.8.2 *is attached*.

Supplier of fibers:

Inspection body:

The declared materials do not contain substances banned according to demands in section 5.1.1. This is verified in part F.2.1.

Part F.2.1 (Banned substances) *is attached*.

No substances banned according to requirements in section 5.1.1 have been added during the spinning of fibers. This is verified in part F.2.1.

Part F.2.1 (Chemicals) *is attached*.

The declared materials do not contain substances banned according to requirements in section 5.1.1. This is verified in Part F2.1. Exceptions are solvents, which are recovered by at least 99%. (For polyamide and polyester)

State value:

Documentation verifying the above *is attached*.

No optical brighteners are contained.

Optical brighteners from recycled materials are contained.

Optical brighteners were added during spinning.

Part F (Chemicals) *is attached*

Polyamide

Average emissions of nitrous oxide do not exceed 10 g/ kg per year (PA 6).

State value:

Average emissions of nitrous oxide do not exceed 50 g/ kg per year (PA 6.6).

State value:

Documentation verifying the above *is attached*.

Polyester

Average emissions of volatile organic compounds (VOC) used in polymerization do not exceed 1 g/kg of produced resin per year.

State value:

Antimony content does not exceed 260 mg/kg polyester fibers

State value:

Documentation verifying the above *is attached*.

Polypropene

Average emissions of nitrous oxides do not exceed 12 g/ kg per year

State value:

Average emissions of Sulphur dioxide do not exceed 11 g/ kg per year

State value:

Documentation verifying the above *is attached*.

D3.1.3 Synthetic fibres from recycled material (sections 2.8.2, 3.6)**Synthetic fibers - Class II**

Type of polymer:

The fibers are manufactured of recycled material, which has been separated from textiles used by consumer (private person) or other users.

Specify other users:

The fibers are manufactured of recycled material comprising production waste.

The fibers are manufactured of recycled plastic material, not fibers.

New polymer is used in the recycled polyester fibers. State value (%):

Responsible person at production unit of materials verifies that information in Part D3.1 is valid for the given material layer/fibre.

Date and signature of respinsible person
Name (print)
Position
Telephone number
E-mail address

The completed form with signature can be scanned and sent

by e-mail to:

textil@naturskyddsforeningen.se

Or by post to:

Swedish Society for Nature Conservation

Good Environmental Choice Textiles

Första Långgatan 28B

SE-413 27 Gothenburg

Sweden

NOTE: This text is a translation. The Swedish version always prevails.