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МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

Plastics-coated fabrics for upholstery —

Part 3: Specification for polyurethane-coated woven fabrics

Supports textiles revêtus de plastique pour ameublement et garniture —

Partie 3: Spécifications des tissus revêtus de polyuréthane

Reference number
ISO 7617-3: 1988 (E)

3.6 Flammability

A method of test for determination of the flammability characteristics of these materials shall be included as a mandatory requirement to be complied with in the absence of other, more stringent requirements of national authorities.*)

4 Sampling

If individual rolls can be identified with manufacturing batches, at least one sample shall be taken from each batch in the consignment. Each sample shall be regarded as being representative of its source, and suitable measures shall be taken to preserve the identify between the samples and batch numbers.

If individual rolls cannot be identified in this way, the number of samples to be regarded as being representative of the bulk shall be fixed by agreement between the purchaser and the supplier. Such samples shall be drawn at random.

5 Testing and compliance

Tests shall be conducted on a set of specimens selected from each sample.

The method of selecting specimens from each sample shall be in accordance with the requirements of annex A. If the specimens after testing comply with the appropriate requirements given in table 1 and table 2, the bulk of the coated fabric which the sample represents shall be deemed to comply with the requirements of this part of ISO 7617.

If any of the specimens tested do not comply with any of the appropriate requirements given in table 1 and table 2, the tests which the specimens have failed shall be repeated twice. For this purpose, two further samples shall be taken from the same source as the original sample, and test specimens shall be taken from each sample so that duplicate tests may be conducted. If all the re-test results comply with the appropriate requirements of table 1 and/or table 2, then the bulk represented by the samples from which the specimens for re-testing were taken, together with the original samples, shall be deemed to comply with the requirements of this part of ISO 7617. If any of the results of the re-tests do not comply with the appropriate requirements of table 1 or table 2, the bulk represented by those samples shall be deemed not to comply with the requirements of this part of ISO 7617.

Table 1 — Physical requirements

Property	Limit	Requirement	Method of test
Total mass/unit area (g/m ²) ¹⁾	min.	300	ISO 2286
Coating mass/unit area (g/m ²) ¹⁾	min.	100	ISO 2286
Tearing force (N) longitudinal transverse	min. min.	50 50	} ISO 4674 Method A1
Coating adhesion (N per 50 mm width)	min.	35	ISO 2411
Breaking load (N) longitudinal transverse	min min	450 450	} ISO 1421 Method B
Flex cracking (cycles)	min without damage	700 000	ISO 7854, Method B
Ageing 1) after exposure to 95 % r.h. and 70 °C for 336 h	min. without damage	300 000 cycles and attainment of min. coating adhesion	ISO 7854, Method B and ISO 2411
2) after exposure to conditions described in ISO 105-B02 for 100 h	min. without damage	300 000 cycles	ISO 7854, Method B
Print wear (change in appearance) (grey scale rating)	min.	3	Annex B
Blocking resistance	—	Separation without damage to surface	ISO 5978

1) The inclusion of minimum values for total mass/unit area and coating mass/unit area does not imply that a minimum value for base fabric mass/unit area may be calculated by subtraction.

*) Details of the method to be employed for this purpose are under consideration by ISO/TC 136, Furniture.

6 Marking

Each roll of fabric shall have a label attached bearing the following information:

- a) the name and/or distinctive mark of the manufacturer and an identification reference for that material;
- b) the batch number;
- c) the colour;
- d) the length;
- e) the usable width;
- f) the reference number of this part of ISO 7617 (i.e. ISO 7617-3).

Table 2 — Colour fastness requirements

Property	Limit	Requirement	Method of test
Colour fastness to artificial light (xenon arc)	min.	6	ISO 105-B02
to rubbing (wet and dry)	min.	4	ISO 105-X12