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AMENDMENT

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Textiles — Determination of the elasticity of fabrics —

Part 1: Strip tests

AMENDMENT 1

Textiles — Détermination de l'élasticité des étoffes — Partie 1: Essais sur bande

AMENDEMENT 1

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Textiles — Determination of the elasticity of fabrics —

Part 1:
Strip tests

AMENDMENT 1

3.19

Replace the definition and note to entry with the following:

ratio of recovered extension of the test specimen after cycling (to a specified force or specified extension) to its initial length

Note 1 to entry The recovered elongation is the complement of the *permanent deformation* (3.18) to the *elongation* (3.11).

Note 2 to entry Recovered elongation is expressed as a percentage.

9.1.12

Replace the sentence with the following:

Set the extension and retraction rate of the specimen at 100 % of the initial length per minute. It means that, for examples, if the initial length is 100 mm, set up the rate at 100 mm/min; if the initial length is 200 mm, set up the rate at 200 mm/min.

Clause 11, a)

Replace item a) with the following:

a) Elongation, $S_{\%}$, expressed as a percentage, as shown in Formula (1):

$$S_{\%} = 100 \times \frac{E}{P} \tag{1}$$

where

E is the extension (mm), increase in length of the initial distance (mm) between applied reference marks at maximum force on the fifth cycle; or, in case a pretension is used, increase in length of the clamp distance (mm) from the initial length (mm) at maximum force on the fifth cycle;

P is the initial distance (mm) between applied reference marks; or, in case a pretension is used, the initial length (mm).

Clause 11, d)

Replace item d) with the following:

d) Permanent deformation, C, expressed as a distance, and permanent deformation $C_{\%}$, expressed as a percentage, as shown in Formula (4) and in Formula (5), respectively:

$$C = Q - P \tag{4}$$

$$C_{\%} = 100 \times \frac{Q - P}{P} \tag{5}$$

where

Q is the distance (mm) between applied reference marks after the measurement and specified recovery period; or, in case a pretension is used, the final clamp distance (mm) at pretension after a specified recovery period;

P is the initial distance (mm) between applied reference marks; or, in case a pretension is used, the initial length (mm). ”

Clause 11, e)

Replace item e) with the following:

e) Recovered extension, D, expressed as a distance, and recovered elongation $D_{\%}$, expressed as a percentage, as shown in Formula (6) and in Formula (7), respectively:

$$D = E - C \tag{6}$$

$$D_{\%} = 100 \times \frac{E - C}{P} \tag{7}$$

where

E is the extension (mm) as measured in 11, a);

C is the permanent deformation (mm) as calculated in 11, d);

P is the initial distance (mm) between applied reference marks; or, in case a pretension is used, the initial length (mm).

Clause 11, f)

Replace item f) with the following:

f) Elastic recovery, R, expressed as a distance, and elastic recovery $R_{\%}$, expressed as percentage as shown in Formula (8) and in Formula (9), respectively:

$$R=(P+E)-Q=E-(Q-P)=E-C \tag{8}$$

$$R_{\%}=100\times\frac{E-C}{E}=100\times\left(1-\frac{C}{E}\right) \tag{9}$$

where

E is the extension (mm) as measured in 11, a);

C is the permanent deformation (mm) as calculated in 11, d).