
**Polymeric materials, cellular flexible —
Determination of stress-strain
characteristics in compression —**

**Part 1:
Low-density materials**

AMENDMENT 1

*Matériaux polymères alvéolaires souples — Détermination de la
caractéristique de contrainte-déformation relative en compression —*

Partie 1: Matériaux à basse masse volumique

AMENDEMENT 1



Reference number
ISO 3386-1:1986/Amd.1:2010(E)

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Amendment 1 to ISO 3386-1:1986 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 4, *Products (other than hoses)*.

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Polymeric materials, cellular flexible — Determination of stress-strain characteristics in compression —

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Page 1, Clause 2

Add the following new reference after ISO 2439.

ISO 7500-1, *Metallic materials — Verification of static uniaxial testing machines — Part 1: Tension/compression testing machines — Verification and calibration of the force-measuring system*

Page 1, Subclause 4.1

Replace the second paragraph by:

The test machine shall be capable of measuring the force with an accuracy corresponding to class 1 of ISO 7500-1 or with an accuracy of ± 1 N, and also of measuring the test piece thickness under load with an accuracy of $\pm 0,25$ mm.

Page 2, Subclause 5.4

Replace the existing text by the following:

Materials shall not be tested less than 72 h after manufacture unless it can be demonstrated that the mean results obtained at either 16 h or 48 h after manufacture do not differ by more than ± 10 % from those obtained after 72 h, in which case testing is permitted at 16 h or 48 h, respectively.

Prior to the test, the test pieces shall be conditioned, undeflected and undistorted, for at least 16 h in one of the following atmospheres:

23 °C \pm 2 °C, (50 \pm 5) % relative humidity;

27 °C \pm 2 °C, (65 \pm 5) % relative humidity.

This conditioning period can form the final part of or, in the case of testing 16 h after manufacture, the whole of the period following manufacture.

In the case of quality-control tests, test pieces can be taken a shorter time (down to a minimum of 12 h) after manufacture and testing carried out after conditioning for a shorter period (down to a minimum of 6 h) in one of the atmospheres specified above.

Testing shall be carried out at the same temperature and relative humidity as those used for conditioning.

ICS 83.100

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