INTERNATIONAL STANDARD

ISO 3386-2

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AMENDMENT 1
2010-04-15

Flexible cellular polymeric materials — Determination of stress-strain characteristics in compression —

Part 2: High-density materials

AMENDMENT 1

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

Partie 2: Matériaux à masse volumique élevée
AMENDEMENT 1

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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO 3386-2:1997 was prepared by Technical Committee ISO/TC 45, *Rubber and rubber products*, Subcommittee SC 4, *Products (other than hoses)*.

Flexible cellular polymeric materials — Determination of stress-strain characteristics in compression —

Part 2: High-density materials

AMENDMENT 1

Page 2, Clause 2

Replace the existing text by the following:

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1923, *Cellular plastics and rubbers — Determination of linear dimensions*

ISO 2439, *Flexible cellular polymeric materials — Determination of hardness (indentation technique)*

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 3, Clause 4

Replace the third paragraph of the clause by the following:

The test machine shall be capable of measuring the force with an accuracy of ± 2 %, i.e. it shall conform to class 2 (or better) of ISO 7500-1.

Pages 3 and 4, Subclause 5.5

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 ± 2 °C, (50 ± 5) % relative humidity;

27 °C ± 2 °C, (65 ± 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.

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