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ASTM D2240-05 Standard Test method for Rubber Property

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Abbreviation

ASTM D2240-05

Valid from

01/01/2005

Information provider

American Society of Testing and Materials

Author

American Society of Testing and Materials

Information type

ASTM Standard

Format

PDF

Cited By

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Cites

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Description

This test method covers twelve types of rubber hardness measurement devices known as durometers.

Scope

This test method covers twelve types of rubber hardness measurement devices known as durometers: Types A, B, C, D, DO, E, M, O, OO, OOO, OOO-S, and R. The procedure for determining indentation hardness of substances classified as thermoplastic elastomers, vulcanized (thermoset) rubber, elastomeric materials, cellular materials, gel-like materials, and some plastics is also described.

This test method is not equivalent to other indentation hardness methods and instrument types, specifically those described in Test Method D 1415.

This test method is not applicable to the testing of coated fabrics.

All materials, instruments, or equipment used for the determination of mass, force, or dimension shall have traceability to the National Institute for Standards and Technology, or other internationally recognized organizations parallel in nature.

This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

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- [E2/AS1 \(Third Edition, Amendment 7\)](#)
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- [E2/AS1 \(Third Edition, Amendment 5, Errata 2\)](#)
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- [ASTM D6134-07](#)
ASTM D2240-05 is cited by ASTM D6134-07 Standard Specification for Vulcanised Rubber Sheets Used in Waterproofing Systems

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Other

- [ASTM D1349-99 \(2005\)](#)

ASTM D2240-05 cites ASTM D1349-99 (2005) Standard Practice for Rubber-Standard Temperatures for Testing

- [ASTM D374-99 \(2004\)](#)

ASTM D2240-05 cites ASTM D374-99 (2004) Standard Test Methods for Thickness of Solid Electrical Insulation

- [ASTM D618-05](#)

ASTM D2240-05 cites ASTM D618-05 Standard Practice for Conditioning Plastics for Testing

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