
Draft Jamaican Standard

Method of Test

for

Rubber Property- International Hardness



BUREAU OF STANDARDS JAMAICA

**NON OBJECTION PERIOD: 30 October 2022 -
28 November 2022**

Draft Jamaican Standard

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JS ASTM D1415: 2022

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Jamaican Standards establish requirements in relation to commodities in relation to commodities, processes and practices, but not purport to include all the necessary provisions of a contract.

The attention of those using this standard specification is called to the necessity of complying with any relevant legislation.

Amendments

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National Foreword

This standard is an adoption and is identical to ASTM D1415: 2018 Standard test method for Rubber Property – International Hardness published by **American Society for Testing Materials (ASTM)** International.

Scope of the Standard

1.1 This test method covers a procedure for measuring the hardness of vulcanized or thermoplastic rubber. The hardness is obtained by the difference in penetration depth of a specified dimension ball under two conditions of contact with the rubber: (1) with a small initial force and (2) with a much larger final force. The differential penetration is taken at a specified time and converted to a hardness scale value.

1.2 This test method is technically similar to ISO 48.

1.3 *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, health, and environmental practices and determine the applicability of regulatory limitations prior to use.*

1.4 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

Where the words 'International Standard' appear, referring to this standard, they should be read as 'Jamaican Standard'.

Where reference is made to informative and normative annexes the following definitions should be noted:

- Informative Annex – gives additional information intended to assist in the understanding or use of the document. They do not contain requirements.
- Normative Annex – gives provisions additional to those in the body of a document. They contain requirements.

Users should note that all standards undergo revision from time to time and that any reference made herein to any standard implies its latest edition, unless otherwise stated.

This standard is voluntary.

Acknowledgement

Acknowledgement is made to **American Society for Testing and Materials (ASTM) International** for permission to adopt ASTM D1415: 2018.