

---

Draft Jamaican Standard  
Test Method  
for  
**Rubber Property - Durometer Hardness**

---



**BUREAU OF STANDARDS JAMAICA**

**NON-OBJECTION PERIOD:**

**24 MAY 2026 – 23 JUNE 2026**

DRAFT JAMAICAN STANDARD

DRAFT JAMAICAN STANDARD

IMPORTANT NOTICE

Jamaican standards are subjected to periodic review. The next amendment will be sent without charge if you cut along the dotted line and return the self-addressed label. If we do not receive this label we have no record that you wish to be kept up-to-date. Our address:

Bureau of Standards Jamaica  
6 Winchester Road  
P.O. Box 113  
Kingston 10  
Jamaica W.I.

----- (□cut along the line) -----  
-

DJS ASTM D2240-15: 2026

NAME OR DESIGNATION.....

ADDRESS.....

## JBS CERTIFICATION MARK PROGRAMME

The general policies of the JBS Certification Mark Programme are as follows:

- The JBS provides certification services for manufacturers participating in the programme and licensed to use the gazetted JBS Certification Marks to indicate conformity with Jamaican Standards.
- Where feasible, programmes will be developed to meet special requirements of the submitter.
- JBS certification is provided in the interest of maintaining agreed-upon standard requirements. Where applicable, certification may form the basis for acceptance by inspection authorities responsible for enforcement of regulations.
- In performing its functions in accordance with its policies, JBS does not assume or undertake to discharge any responsibility of the manufacturer or any other party.

Participants in the programme should note that in the event of failure to resolve an issue arising from interpretation of requirements, there is a formal appeal procedure.

Further information concerning the details of JBS Certification Mark Programme may be obtained from the Jamaica Bureau of Standards, 6 Winchester Road, Kingston 10.

### CERTIFICATION MARKS



Product Certification Marks



Plant Certification Mark



Certification of Agricultural Produce (CAP) Mark



Jamaica-Made Mark

**Draft Jamaican Standard**  
**Test Method**  
**for**  
**Rubber Property - Durometer Hardness**

Bureau of Standards Jamaica  
6 Winchester Road  
P.O. Box 113  
Kingston 10  
JAMAICA, W. I.  
Tel: (876) 926 -3140-5/ 618 – 1534 / 632- 4275  
Fax: (876) 929 -4736  
Website: [www.bsj.org.jm](http://www.bsj.org.jm)  
E-mail: [info@bsj.org.jm](mailto:info@bsj.org.jm)

Month 202X

© 20XX Bureau of Standards

**All rights reserved. Unless otherwise specified, no part of a Bureau of Standards publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including, photocopying microfilm or scanning, without permission in writing.**

**ISBN XXX XXX XXX XXX X**

Declared by the Bureau of Standards to be a standard specification pursuant to section 7 of the Standards Act 1968.

First published Month 20XX

This standard was circulated in the draft form for comment under the ASTM D2240-15 (2021).

Jamaican Standards establish requirements in relation to commodities, processes and practices, but do 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

| No. | Date of Issue | Remarks | Entered by and date |
|-----|---------------|---------|---------------------|
|     |               |         |                     |

## Contents

|  | Page      |
|--|-----------|
| National Foreword.....   | iv        |
| Acknowledgement .....  | iv        |
| <b>1</b> Scope.....  | <b>1</b>  |
| <b>2</b> Referenced Documents .....                                | <b>1</b>  |
| <b>3</b> Summary of Test Method.....                               | <b>1</b>  |
| <b>4</b> Significance and Use.....                                 | <b>2</b>  |
| <b>5</b> Apparatus.....  | <b>2</b>  |
| <b>6</b> Test Specimen.....  | <b>5</b>  |
| <b>7</b> Calibration.....  | <b>7</b>  |
| <b>8</b> Laboratory Atmosphere and Test Specimen Conditioning..... | <b>9</b>  |
| <b>9</b> Procedure.....  | <b>9</b>  |
| <b>10</b> Report.....  | <b>10</b> |
| <b>11</b> Precision and Bias.....                                  | <b>11</b> |
| <b>12</b> Keywords.....  | <b>11</b> |

## Tables

|   |    |
|---|----|
| 1 TABLE 1 Durometer Spring Force Calibration .....        | 5  |
| 2 TABLE 2 Type 1 Precision – Type M Durometer Method..... | 10 |
| 3 TABLE 3 Type 1 Precision – Type A Durometer Method..... | 10 |
| 4 TABLE 4 Type 1 Precision – Type D Durometer Method..... | 10 |

## Annexes

|   |    |
|---|----|
| 1 TABLE X1.1 Durometer Selection: Typical Uses..... | 12 |
|---|----|

## National foreword

This standard is an adoption and is identical to ASTM D2240-15 (2021) Test Method for Rubber Property – Durometer Hardness published by ASTM.

## Scope of the standard

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.

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.

## Acknowledgment

Acknowledgement is made to the ASTM International for permission to adopt ASTM D2240-15 (2021) Test Method for Rubber Property – Durometer Hardness.