

DIN ISO 7619-1:2012-02 (E)

Rubber, vulcanized or thermoplastic - Determination of indentation hardness - Part 1: Durometer method (Shore hardness) (ISO 7619- 1:2010)

Contents		Page
National foreword		3
National Annex NA (informative) Bibliography		4
Introduction		5
1	Scope	6
2	Normative references	6
3	Principle and choice of durometer type	6
4	Apparatus	7
4.1	Durometer types A, D and AO	7
4.2	Durometer type AM	9
4.3	Stand	9
4.4	Durometer spring force calibration	10
5	Test pieces	10
5.1	General	10
5.2	Thickness	10
5.3	Surface	11
6	Conditioning and test temperature	11
7	Procedure	11
7.1	General	11
7.2	Test time	11
7.3	Measurements	11
8	Calibration and checking	11
8.1	Calibration	11
8.2	Checking using standard rubber blocks	12
9	Precision	12
10	Test report	12
Annex A (informative) Precision for the type AM durometer compared to that of Micro IRHD testing		13
Bibliography		15