

ISO 7619-1:2010-10 (E)

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

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