

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