

DIN ISO 48:2016-09 (E)

Rubber, vulcanized or thermoplastic - Determination of hardness (hardness between 10 IRHD and 100 IRHD) (ISO 48:2010)

Contents		Page
National foreword		3
National Annex NA (informative) Bibliography		4
Introduction		5
1	Scope	6
2	Normative references	7
3	Terms and definitions	7
4	Principle	8
5	Apparatus	8
5.1	General	8
5.2	Methods N, H, L and M	8
5.3	Methods CN, CH, CL and CM	10
6	Test pieces	10
6.1	General	10
6.2	Methods N, H, L and M	11
6.3	Methods CN, CH, CL and CM	12
7	Time interval between vulcanization and testing	12
8	Conditioning of test pieces	12
9	Temperature of test	12
10	Procedure	12
11	Number of readings	13
12	Expression of results	13
13	Precision	13
14	Test report	16
Annex A (informative) Empirical relationship between indentation and hardness		17
Annex B (informative) Precision results from interlaboratory test programmes		19
Annex C (informative) Guidance for using precision results		27
Bibliography		28