bareiss®
PRÜFGERÄTEBAU GMBH

AREAS OF APPLICATION

EN

Shore | M Shore | Asker | Typ AM |VLRH | Pusey & Jones

TEST METHOD	AREA OF APPLICATION	STANDARD	MINIMUM MATERIAL THICKNESS [MM]
Shore A	soft rubber, elastomers, natural rubber products, neoprene, casting resin, polyester, soft PVC, leather, pressure rollers, etc...	DIN EN ISO 868, NF EN ISO 868	4
		DIN ISO 7619, ASTM D2240, BS ISO 7619-1, JISK 6253	6
Asker C	see Shore A	SRIS 0101, ABNT NBR 14455	6
Shore A0 Shore E	see Shore A	DIN ISO 7619 ASTM D2240	6
M Shore A M Shore A/B/0	see Shore A	Bareiss Norm	0,5
Shore D	hard rubber, hard plastics, acrylic glass, polystyrene, rigid thermoplastics, Resopal, pressure rollers, Vinyl plates, cellulose-Acetate, etc...	DIN EN ISO 868	4
		DIN ISO 7619, ASTM D2240, BS ISO 7619-1, JISK 6253	6
Asker CS	see Shore D	SRIS 0101	6
M Shore D/C/D0	see Shore D	Bareiss Norm	0,5
M Shore D/C/D0	wsee Shore D	Bareiss Norm	0,2
Shore B	middle hard materials from rubber, typewriter roles, flat materials	ASTM D2240	6
Shore C	plastics and middle hard rubber materials	ASTM D2240	6
Shore D0	plastics and middle hard rubber materials	ASTM D2240	6
Shore 0	soft elastic materials, pressure rolls, middle firm, textile fabrics, nylon, orlon, perlon, rayon	ASTM D2240	6
Shore 00 Shore 000	sponge- and foam rubber, cellular rubber, silicone	ASTM D2240	6
Shore 000 S	see Shore 00 / 000	ASTM D2240	6
Type AM	see Shore A	DIN ISO 7619	1,5

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TEST METHOD	AREA OF APPLICATION	STANDARD	MINIMUM MATERIAL THICKNESS [MM]
Type M	see Shore A	ASTM D2240	1,25
IRHD M	thin walled O-rings, moulded parts, standard plates	DIN ISO 48, ASTM D 1415, NFT 46-003, BS903 Part. A 26	0,6
IRHD H	see Shore D	DIN ISO 48, ASTM D1415, NFT 46-003, BS903 Part. A 26	6
IRHD N	soft rubber, high elastic materials, plastic ductile materials	DIN ISO 48, ASTM D1415, NFT 46-003, BS903 Part. A 26	6
IRHD L	sponge- and foam rubber, cellular rubber, silicone	DIN ISO 48, ASTM D1415, NFT 46-003, BS903 Part. A 26	10
VLRH	sponge- and foam rubber, cellular rubber, silicone	DIN ISO 27588	2
Pusey & Jones	rubber- or rubberlike materials, rubber rollers for the paper industry	ISO 7257-3, ASTM D531	13

Barcol | Vickers | Rockwell | Plastics

TEST METHOD	AREA OF APPLICATION	STANDARD	MINIMUM MATERIAL THICKNESS [MM]
Barcol	fibre-glass reinforced plastics, thermosetting plastics, hard thermoplastics, aluminium	DIN EN 59, ASTM D2583	1,5
Vickers	determination of hardening depth Determination of the hardness profile within the - low force range - micro hardness range	DIN EN ISO 6507 CHD – DIN EN 2639 CDD (EHT), DIN 10328 DS (RHT), DIN 50190 Teil 3 (NHT)	HV 0,1 – HV 10 HV 0,01 – HV 2
3106 Rockwell / 3106 Kunststoff	M1/2 ball indentation hardness on plastics M1/3 Rockwellhardness on metals M1/4 Rockwellhardness on carbon materials M1/5 Hardness test on building plaster	DIN EN ISO 2039-1 DIN EN ISO 6508-2 ASTM E18, ASTM D785 DIN 51917 DIN EN IEC 413 DIN EN 13279	different indenters

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More products

TEST METHOD	AREA OF APPLICATION	STANDARD	MINIMUM MATERIAL THICKNESS [MM]
Gelomat 0-20 N	determination of material hardening on gelatine capsules and elasticity	no standard	
Gelomat 0-2 N	determination of gel stability and gel capacity, agar- agar	no standard	
HPE II – Fff Fruchtfleischfestig-keitsermittlung	determination of fruit pulp and vegetable hardness	no standard	0,6
HPE II KFZ-Interieur [N]	foam materials covered with leather or fabrics	no standard	
Tensiometer	for measuring tension of forming and dryer fabrics during rotating operation on drive side and on operator side	no standard	

MADE IN GERMANY SINCE 1954.

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The accreditation is valid for the scope listed in certificate D-K-15206-01-00 (mechanical measurands in the range of hardness).