

	Method	Unit	60A	65A	70A	75A	80A	85A	90A	95A
Hardness at 20°C	DIN 53504	Shore	60	65	70	75	80	85	90	95
100% Modulus	DIN 53504	MPa	2,3	2,7	3,5	3,9	4,3	5,4	7,6	8,7
300% Modulus	DIN 53504	MPa	4,5	5,7	6,5	7,8	9,6	10,5	15	15,5
Tensile Strength	DIN 53504	MPa	32	35	36	37	39	44	42	40
Elongation at Break	ISO 34 – Pt B	%	620	580	610	570	540	530	520	510
Angle Tear Strength (1)	ISO 815-1	kN/m	47	58	67	68	82	85	95	110
Compression Set (2)	DIN 53512	%	25	30	30	30	30	30	30	30
Resilience	ISO 4649	%	52	50	49	48	47	44	40	30
DIN Abrasion	ISO 4649	mm ³	<30	<30	<30	<30	<30	<30	<30	<30
Service Temperature Range	-	°C	-20 / 70	-20 / 70	-20 / 70	-20 / 70	-20 / 70	-20 / 70	-20 / 70	-20 / 70
Specific Gravity	-	-	1,28	1,29	1,3	1,3	1,3	1,31	1,32	1,33
Volume Resistivity (3)	IEC 60093	Ω.cm	3,8E+08	3,8E+08	3,8E+08	3,8E+08	3,8E+08	3,8E+08	3,8E+08	3,8E+08

1.) tests performed according procedure B, nicked

2.) Deflection measured over a time period of 22 hours at a temperature of 70°C

3.) Tested at 23°C and RH50%. Surface resistivity is influenced by temperature and moist absorption.

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