

	Method	Unit	45A	50A	55A	60A	65A	70A	75A	80A	85A	90A	95A
Hardness at 20°C	DIN 53504	Shore	45	50	55	60	65	70	75	80	85	90	95
100% Modulus	DIN 53504	MPa	1,2	1,6	1,7	2,3	2,7	3,5	3,9	4,3	5,4	7,6	8,7
300% Modulus	DIN 53504	MPa	1,9	2,1	2,4	4,5	5,7	6,5	7,8	9,6	10,5	15	15,5
Tensile Strength	DIN 53504	MPa	19	24	30	32	35	36	37	39	44	42	40
Elongation at Break	ISO 34 – Pt B	%	750	750	680	620	580	610	570	540	530	520	510
Angle Tear Strength (1)	ISO 815-1	kN/m	33	36	39	47	58	67	68	82	85	95	110
Compression Set (2)	DIN 53512	%	20	25	25	25	30	30	30	30	30	30	30
Resilience	ISO 4649	%	60	57	55	52	50	49	48	47	44	40	30
DIN Abrasion	ISO 4649	mm ³	<30	<30	<30	<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	-20 / 70	-20 / 70	-20 / 70
Specific Gravity	-	-	1,22	1,23	1,24	1,28	1,29	1,3	1,3	1,3	1,31	1,32	1,33

1.) tests performed according procedure B, nicked

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

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