

	Method	Unit	80A	85A	90A	95A	60D	75D
Hardness at 20°C	DIN 53505	Shore	80	85	90	95	60D	75D
100% Modulus	DIN 53504	MPa	4,8	5,2	7,6	14,8	21,7	36,9
300% Modulus	DIN 53504	MPa	7,3	8,9	12,1	26,7	39,8	-
Tensile Strength	DIN 53504	MPa	29	35	42	45	50	53
Elongation at Break	DIN 53504	%	800	660	540	400	365	285
Angle Tear Strength (1)	ISO 34 – Pt B	kN/m	70	80	85	110	132	179
Compression Set (2)	ISO 815-1	%	37	35	32	30	-	-
Resilience	DIN 53512	%	52	49	48	38	39	41
DIN Abrasion	ISO 4649	mm ³	60	60	60	60	70	85
Service Temperature Range	-	°C	-40 / 80	-40 / 80	-40 / 80	-40 / 80	-40 / 80	-40 / 80
Specific Gravity	-	-	1,05	1,07	1,08	1,11	1,13	1,14

1.) tests performed according procedure ISO 34-1B, Angle without nick

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

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