

Preliminary Technical Data Sheet

Typical properties.

Temperature range -60 to +200°C, and higher when stabilizers are being used. Good transparency, easily colourable. For transformation by calendaring using the respective peroxide. Very large hardness range, any intermediate hardness can easily be compounded.

Härte <i>Hardness</i>	Shore°A DIN 53505	10	20	30	40	50	60	70	80	90
Dichte <i>Density</i>	g/cm ³ ISO 1183-1 A	1.07	1.11	1.10	1.12	1.13	1.14	1.18	1.21	1.22
Reißfestigkeit <i>Tensile strength</i>	N/mm ² DIN 53504 S2	5	7	8	8	9	9	9	6	6
Reißdehnung <i>Elongation</i>	% DIN 53504 S2	1000	800	500	750	500	350	450	300	200
WRW <i>Tear resistance</i>	N/mm ASTM D 624 B	18	16	14	15	18	18	20	20	14
DVR [22h, 175°C] <i>Compression set</i>	% DIN ISO 815-B	40	50	45	40	45	35	45	65	65
Rückprall <i>Rebound</i>	% DIN 53512	50	50	65	60	60	65	60	58	60

Measured on sample plates 2/6 mm, cured 8 min at 120°C using 1.5% of Di-(2,4-dichlorobenzoyl)-peroxide (DCIBP), post cured 4h at 200