

Technical Properties

Physical	Unit	Test Method	Result
Specific gravity	g/cm ³	DIN EN ISO 1183	1.37
Maximum service temp. Upper temp limit - short term	°C		60
Lower temp limit	°C		0
Mechanical	Unit	Test Method	Result
Tensile strength	MPa	DIN EN ISO 527	73
Elongation at yield	%	DIN EN ISO 527	4
Notch impact strength	kJ/m ²	DIN EN ISO 179	3
Shore-D		DIN EN ISO 868	84
Tensile modulus of elasticity	MPa	DIN EN ISO 527	3300
Thermal	Unit	Test Method	Result
Vicat-softening point VST/B/50	°C	DIN EN ISO 306	66
Coefficient of linear thermal expansion 23°C - 100°C	m/(m.K)	ISO 11359-2	0.8 x 10 ⁻⁴
Electrical	Unit	Test Method	Result
Surface resistivity	Ω	DIN IEC 60093	10 ¹³
Dielectric strength	kV/mm	DIN IEC 60243-1	30
Additional Data	Unit	Test Method	Result
Food compliance - FDA		FDA	no
Food compliance - EU		EU 10/2011	no
Flammability	Unit	Test Method	Result
Fire performance		UL 94 BS 476	V-0 Class 1
Optical	Unit	Test Method	Result
Light Transmission	%	3mm	88

All information is for guide purposes only. The data has been taken from standard test results provided by our manufacturers.