

Technical Properties

Physical	Unit	Test Method	Result
Specific gravity	g/cm ³	DIN EN ISO 1183-1	0.94
Water absorption till saturation 23°C	%	DIN EN ISO 62	<0.01
Maximum service temp. Upper temp limit - short term	°C		100
Maximum service temp. Upper temp limit - Long term	°C		80
Lower temp limit	°C		-100
Mechanical	Unit	Test Method	Result
Notch impact strength	kJ/m ²	DIN EN ISO 179-1	> 50
Shore-D		DIN EN ISO 868	60 - 65
Thermal	Unit	Test Method	Result
Coefficient of linear thermal expansion 23°C - 100°C	m/(m.K)	ISO 11359-2	2·10 ⁻⁵
Thermal conductivity at 23°C	W/mK	ISO 52612	0.40
Electrical	Unit	Test Method	Result
Surface resistivity	Ω	DIN EN 62631-3-1	> 10 ⁹
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	HB
Optical	Unit	Test Method	Result

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