

Technical Properties

Physical	Unit	Test Method	Result
Specific gravity	g/cm ³	ISO 1183-1	0.95
Water absorption till saturation 23°C	%		<0.1
Maximum service temp. Upper temp limit - Long term	°C		80
Lower temp limit	°C		-200
Mechanical	Unit	Test Method	Result
Tensile strength	MPa	ISO 527-1/-2	20
Elongation at yield	%	ISO 527-1/-2	16
Unnotched Impact strength	kJ/m ²	ISO 179-1/1eU	no break
Notch impact strength	kJ/m ²	ISO 179-1/1eA	106P
Shore-D		ISO 868	61
Tensile modulus of elasticity	MPa	ISO 527-1/-2	800
Thermal	Unit	Test Method	Result
Electrical	Unit	Test Method	Result
Surface resistivity	Ω	ANSI/ESD STM11.11	> 10 ¹³
Additional Data	Unit	Test Method	Result
Food compliance - FDA		FDA	yes
Food compliance - EU		EU 10/2011	yes
Flammability	Unit	Test Method	Result
Fire performance		UL94	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.