

Technical Properties

Physical	Unit	Test Method	Result
Specific gravity	g/cm ³	ISO 1183	0.91
Maximum service temp. Upper temp limit - Long term	°C	.	70
Lower temp limit	°C	.	-30
Mechanical	Unit	Test Method	Result
Tensile strength	MPa	ISO 527-2	28
Elongation at yield	%	ISO 527-2	12
Notch impact strength	kJ/m ²	ISO180/A	7 (-30°C) / 58 (23°C)
Shore-D		ISO 868	67
Flexural modulus of elasticity	MPa	ISO 178	1350
Tensile modulus of elasticity	MPa	ISO 527-2	1.35
Thermal	Unit	Test Method	Result
Vicat-softening point VST/B/50	°C	ISO 306/A	158
Heat deflection temperature HDT/B	°C	ISO751B	90
Electrical	Unit	Test Method	Result
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.