



Technical Properties

Physical	Unit	Test Method	Result
Specific gravity	g/cm ³	DIN EN ISO 1183	0.91
Maximum service temp. Upper temp limit - short term	°C		80
Lower temp limit	°C		-20
Mechanical	Unit	Test Method	Result
Tensile strength	MPa	DIN EN ISO 527	23
Elongation at yield	%	DIN EN ISO 527	7
Unnotched Impact strength	kJ/m ²	DIN EN ISO 179	no break
Notch impact strength	kJ/m ²	DIN EN ISO 179	45
Ball indentation / Rockwell hardness	MPa	DIN EN ISO 2039-1	50
Shore-D		DIN EN ISO 868	67
Tensile modulus of elasticity	MPa	DIN EN ISO 527	1200
Thermal	Unit	Test Method	Result
Coefficient of linear thermal expansion 23°C - 100°C	m/(m.K)	ISO 11359-2	1.6 x 10 ⁻⁴
Electrical	Unit	Test Method	Result
Surface resistivity	Ω	DIN IEC 60093	10 ¹³
Dielectric strength	kV/mm	DIN IEC 60243-1	52
Additional Data	Unit	Test Method	Result
Food compliance - FDA		FDA	yes
Food compliance - EU		EU 10/2011	no
Flammability	Unit	Test Method	Result
Fire performance		DIN 4102	B2
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.



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