

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	40	MPa	ISO 527
Strain at break	0.75	%	ISO 527
Flexural modulus, 23°C	19000	MPa	ISO 178
Flexural strength	60	MPa	ISO 178
Izod impact strength, +23°C	10	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	4	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	260	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.6	mm	-
Glow Wire Ignition Temperature (GWIT)	960	°C	IEC 60695-2-13
GWIT - thickness tested (1)	1.6	mm	-
Other Standards^[5]			
Thermal Conductivity, solid state	0.173	W/(m K)	ASTM E 1530

S: These properties are reported by the producer according standards that are different to our defaults.

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E16	Ohm	ASTM D 257
Volume Resistivity	1E16	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water absorption	0.02	%	Sim. to ISO 62
Humidity absorption	0.02	%	Sim. to ISO 62
Density	2490	kg/m ³	ISO 1183

Characteristics

Special Characteristics

Thermally Conductive

Regional Availability

Europe