

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6500	MPa	ISO 527
Stress at break	41	MPa	ISO 527
Strain at break	1	%	ISO 527
Flexural modulus, 23°C	7400	MPa	ISO 178
Flexural strength	58	MPa	ISO 178
Charpy impact strength, +23°C	6	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	2	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	137	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	143	°C	ISO 75-1/-2
Vicat softening temperature, B	144	°C	ISO 306
Coeff. of linear therm. expansion, parallel	31	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	44	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	2.0	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.5	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (2)	3	mm	-
Glow Wire Ignition Temperature (GWIT)	900	°C	IEC 60695-2-13
GWIT - thickness tested (1)	1.5	mm	-
Glow Wire Ignition Temperature (GWIT)	960	°C	IEC 60695-2-13
GWIT - thickness tested (2)	3	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	21000	Ohm*m	IEC 62631-3-1
Surface resistivity	4900	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1380	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4	h	-
Melt temperature	315 - 350	°C	-
Mold temperature	80 - 100	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Thermally Conductive

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa