

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Stress at break	100	MPa	ISO 527
Strain at break	4	%	ISO 527
Flexural modulus, 23°C	9700	MPa	ISO 178
Flexural strength	165	MPa	ISO 178
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	200	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	215	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1	mm	-

Other properties	Value	Unit	Test Standard
Density	1650	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100 - 120	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.04	%	-
Melt temperature	250 - 270	°C	-
Mold temperature	60 - 100	°C	-

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific