

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	150	g/10min	ISO 1133
Temperature	275	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577
Molding shrinkage, normal	1.5	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Tensile Modulus	2600	MPa	ISO 527
Yield stress	70	MPa	ISO 527
Strain at break	20	%	ISO 527
Flexural modulus, 23°C	2200	MPa	ISO 178
Flexural strength	90	MPa	ISO 178
Charpy notched impact strength, +23°C	5	kJ/m <sup>2</sup>	ISO 179/1eA
Izod impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	5.5	kJ/m <sup>2</sup>	ISO 180/1A
<b>Thermal properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Melting temperature, 10°C/min	246	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	55	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	230	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	90	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	90	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-2	class	IEC 60695-11-10
Thickness tested	1.6	mm	-
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)
Glow Wire Flammability Index (GWFI)	650	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-
<b>Electrical properties</b>			
Value	Unit	Test Standard	
<b>ISO Data</b>			
Volume resistivity	1E12	Ohm*m	IEC 62631-3-1
<b>Other properties</b>			
Value	Unit	Test Standard	
Density	1140	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Value	Unit	Test Standard	
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 12	h	-
Processing humidity	≤0.1	%	-
Melt temperature	260 - 290	°C	-
Mold temperature	60 - 80	°C	-

### Characteristics

#### Processing

Injection Molding

#### Features

Copolymer

#### Special Characteristics

Heat stabilized or stable to heat

#### Regional Availability

Europe