

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	<b>18</b>	cm <sup>3</sup> /10min	ISO 1133
Temperature	<b>300</b>	°C	-
Load	<b>1.2</b>	kg	-
<b>Other Standards<sup>[S]</sup></b>			
Molding shrinkage, parallel	<b>0.6</b>	%	Producer Method
Molding shrinkage, normal	<b>0.6</b>	%	Producer Method

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

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	<b>50</b>	MPa	ISO 527
Nominal strain at break	<b>70</b>	%	ISO 527
Flexural modulus, 23°C	<b>2700</b>	MPa	ISO 178
Flexural strength	<b>80</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>30</b>	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	<b>117</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>127</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>65</b>	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>1.5</b>	mm	-

Other properties	Value	Unit	Test Standard
Density	<b>1400</b>	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>120</b>	°C	-
Pre-drying - Time	<b>5 - 8</b>	h	-
Melt temperature	<b>260 - 300</b>	°C	-
Mold temperature	<b>80 - 90</b>	°C	-

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Natural Color

**Additives**

Flame retarding agent

**Special Characteristics**

Flame retardant, Halogen-free

**Features**

Light Blocking, Light Reflecting

**Applications**

Electrical and Electronical

**Regional Availability**

North America, Europe, Asia Pacific