

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Strength	<b>90</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>7500</b>	MPa	ISO 178
Flexural strength	<b>140</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>5</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>118</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>35</b>	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn. Thickness tested	<b>V-1</b> <b>1.6</b>	class mm	IEC 60695-11-10 -
Burning behav. 5V at thickness h Thickness tested	<b>5VA</b> <b>2.2</b>	class mm	IEC 60695-11-20 -
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>120</b>	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Relative permittivity, 100Hz	<b>3.4</b>	-	IEC 62631-2-1
Relative permittivity, 1MHz	<b>3.3</b>	-	IEC 62631-2-1
Dissipation factor, 100Hz	<b>70</b>	E-4	IEC 62631-2-1
Dissipation factor, 1MHz	<b>90</b>	E-4	IEC 62631-2-1
Volume resistivity	<b>1E14</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>1E16</b>	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	<b>1370</b>	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>90 - 100</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Melt temperature	<b>250 - 300</b>	°C	-
Mold temperature	<b>70 - 90</b>	°C	-

**Characteristics**

**Processing**

Injection Molding

**Features**

Low Warpage

**Regional Availability**

North America, Europe, Asia Pacific