

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	<b>140</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>5600</b>	MPa	ISO 178
Flexural strength	<b>150</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>12</b>	kJ/m <sup>2</sup>	ISO 179/1eA

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Coeff. of linear therm. expansion, parallel	<b>40</b>	E-6/K	ISO 11359-1/-2
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>180</b>	°C	ASTM D 648

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Relative permittivity, 100Hz	<b>3.5</b>	-	IEC 62631-2-1
Relative permittivity, 1MHz	<b>3.3</b>	-	IEC 62631-2-1
Dissipation factor, 100Hz	<b>80</b>	E-4	IEC 62631-2-1
Dissipation factor, 1MHz	<b>120</b>	E-4	IEC 62631-2-1
Volume resistivity	<b>7.1E13</b>	Ohm*m	IEC 62631-3-1
Electric strength	<b>38</b>	kV/mm	IEC 60243-1

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1230</b>	kg/m <sup>3</sup>	ISO 1183

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Pre-drying - Temperature	<b>100 - 130</b>	°C	-
Pre-drying - Time	<b>3 - 4</b>	h	-
Melt temperature	<b>260 - 300</b>	°C	-
Mold temperature	<b>60 - 120</b>	°C	-

## Characteristics

### Processing

Injection Molding

### Regional Availability

North America, Europe, Asia Pacific

### Applications

Automotive