

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Strength	<b>37</b>	MPa	ISO 527
Flexural modulus, 23°C	<b>2370</b>	MPa	ISO 178
Flexural strength	<b>66</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>16</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>			
Temp. of deflection under load, 1.80 MPa	<b>78</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>80</b>	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn. Thickness tested	<b>V-0</b> <b>1.6</b>	class mm	IEC 60695-11-10 -
Burning behav. 5V at thickness h Thickness tested	<b>5VA</b> <b>3.0</b>	class mm	IEC 60695-11-20 -
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>85</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>2.9</b>	-	IEC 62631-2-1
Relative permittivity, 1MHz	<b>2.9</b>	-	IEC 62631-2-1
Dissipation factor, 100Hz	<b>30</b>	E-4	IEC 62631-2-1
Dissipation factor, 1MHz	<b>40</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
Electric strength	<b>29</b>	kV/mm	IEC 60243-1

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1080</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>70 - 80</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Melt temperature	<b>220 - 270</b>	°C	-
Mold temperature	<b>40 - 70</b>	°C	-

## Characteristics

### Processing

Injection Molding

### Regional Availability

North America, Europe, Asia Pacific

### Special Characteristics

Flame retardant