

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>1800</b>	MPa	ISO 527
Yield stress	<b>41</b>	MPa	ISO 527
Yield strain	<b>4.5</b>	%	ISO 527
Nominal strain at break	<b>60</b>	%	ISO 527
Charpy impact strength, +23°C	<b>N</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>25</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>93</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>100</b>	°C	ISO 75-1/-2
Vicat softening temperature, A	<b>170</b>	°C	ISO 306
Vicat softening temperature, B	<b>95</b>	°C	ISO 306

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Relative permittivity, 1MHz	<b>2.9</b>	-	IEC 62631-2-1
Dissipation factor, 1MHz	<b>150</b>	E-4	IEC 62631-2-1
Volume resistivity	<b>1E11</b>	Ohm*m	IEC 62631-3-1
Electric strength	<b>35</b>	kV/mm	IEC 60243-1
Comparative tracking index	<b>600</b>	-	IEC 60112

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>6.1</b>	%	Sim. to ISO 62
Humidity absorption	<b>1.8</b>	%	Sim. to ISO 62
Density	<b>1050</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>80</b>	°C	-
Pre-drying - Time	<b>2 - 4</b>	h	-
Processing humidity	<b>≤0.1</b>	%	-
Melt temperature	<b>230 - 245</b>	°C	-
Mold temperature	<b>70 - 90</b>	°C	-

## Characteristics

### Processing

Injection Molding

### Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather

### Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa