

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>23</b>	g/10min	ISO 1133
Temperature	<b>300</b>	°C	-
Load	<b>1.2</b>	kg	-
Molding shrinkage, parallel	<b>0.7</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.7</b>	%	ISO 294-4, 2577

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>2210</b>	MPa	ISO 527
Yield stress	<b>63</b>	MPa	ISO 527
Yield strain	<b>6</b>	%	ISO 527
Stress at break	<b>64</b>	MPa	ISO 527
Strain at break	<b>100</b>	%	ISO 527
Flexural modulus, 23°C	<b>2300</b>	MPa	ISO 178
Flexural strength	<b>94</b>	MPa	ISO 178
Charpy notched impact strength, +23°C	<b>9<sup>[1]</sup></b>	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	<b>8<sup>[1]</sup></b>	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	<b>8</b>	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	<b>7</b>	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	<b>-40</b>	°C	-
Rockwell hardness	<b>R 118</b>	-	ISO 2039-2
1: 4 mm			

<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>120</b>	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	<b>130</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>139</b>	°C	ISO 306
Coeff. of linear therm. expansion, parallel	<b>73</b>	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	<b>80</b>	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	<b>V-2</b>	class	IEC 60695-11-10
Thickness tested	<b>0.5</b>	mm	-

<b>Electrical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Volume resistivity	<b>1E15</b>	Ohm*m	IEC 62631-3-1
Surface resistivity	<b>1E15</b>	Ohm	IEC 62631-3-2
Comparative tracking index	<b>325</b>	-	IEC 60112
<b>ASTM Data</b>			
Dielectric Strength, Short Time	<b>21</b>	kV/mm	ASTM D 149

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Humidity absorption	<b>0.2</b>	%	Sim. to ISO 62
Density	<b>1200</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 - 120</b>	°C	-
Pre-drying - Time	<b>3 - 5</b>	h	-
Processing humidity	<b>≤0.02</b>	%	-
Melt temperature	<b>300 - 320</b>	°C	-
Mold temperature	<b>80 - 120</b>	°C	-
Zone 1	<b>260 - 280</b>	°C	-
Zone 2	<b>280 - 300</b>	°C	-
Zone 3	<b>300 - 320</b>	°C	-
Nozzle temperature	<b>300 - 320</b>	°C	-

**Characteristics**

**Processing**

Injection Molding

**Applications**

Automotive, General Purpose

**Special Characteristics**

U.V. stabilized or stable to weather

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America