

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt flow index, MFI	<b>37</b>	g/10min	ISO 1133
Temperature	<b>300</b>	°C	-
Load	<b>5</b>	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	<b>17500</b>	MPa	ISO 527
Stress at break	<b>185</b>	MPa	ISO 527
Strain at break	<b>1.4</b>	%	ISO 527
Charpy impact strength, +23°C	<b>40</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>13</b>	kJ/m <sup>2</sup>	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>280</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>260</b>	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	<b>23</b>	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	<b>31</b>	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>0.4</b>	mm	-

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	<b>1E14</b>	Ohm*m	IEC 62631-3-1

Other properties	Value	Unit	Test Standard
Water absorption	<b>0.02</b>	%	Sim. to ISO 62
Density	<b>1650</b>	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	<b>120 - 140</b>	°C	-
Pre-drying - Time	<b>4 - 8</b>	h	-
Processing humidity	<b>≤0.02</b>	%	-
Melt temperature	<b>320 - 340</b>	°C	-
Mold temperature	<b>140 - 180</b>	°C	-
Injection pressure	<b>&lt;1</b>	MPa	-

**Characteristics**

**Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Chemical Resistance**

Hydrolytically Stable

**Applications**

Aircraft and Aerospace, Automotive, Electrical and Electronical, Encapsulation

**Regional Availability**

Europe