

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.1</b>	%	ISO 294-4, 2577
Molding shrinkage, normal	<b>0.8</b>	%	ISO 294-4, 2577
<b>Mechanical properties</b>			
<b>ISO Data</b>			
Tensile Modulus	<b>24500</b>	MPa	ISO 527
Stress at break	<b>250</b>	MPa	ISO 527
Strain at break	<b>1.5</b>	%	ISO 527
Charpy impact strength, +23°C	<b>46</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>6</b>	kJ/m <sup>2</sup>	ISO 179/1eA
<b>Thermal properties</b>			
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>396</b>	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	<b>176</b>	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	<b>370</b>	°C	ISO 75-1/-2
Burning behav. at thickness h	<b>V-0</b>	class	IEC 60695-11-10
Thickness tested	<b>0.8</b>	mm	-
<b>Electrical properties</b>			
<b>ISO Data</b>			
Volume resistivity	<b>1000</b>	Ohm*m	IEC 62631-3-1
<b>Other properties</b>			
Humidity absorption	<b>0.05</b>	%	Sim. to ISO 62
Density	<b>1410</b>	kg/m <sup>3</sup>	ISO 1183
<b>Processing Recommendation Injection Molding</b>			
Pre-drying - Temperature	<b>150</b>	°C	-
Pre-drying - Time	<b>4 - 6</b>	h	-
Mold temperature	<b>200 - 220</b>	°C	-
Feed temperature	<b>60 - 80</b>	°C	-
Nozzle temperature	<b>430 - 445</b>	°C	-

**Characteristics**

**Processing**

Injection Molding

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Tribologic Grade

**Applications**

Aircraft and Aerospace, Automotive, Electrical and Electrical, Encapsulation

**Regional Availability**

Europe