

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>33000</b>	MPa	ISO 527
Stress at break	<b>255</b>	MPa	ISO 527
Strain at break	<b>1</b>	%	ISO 527
Charpy impact strength, +23°C	<b>44</b>	kJ/m <sup>2</sup>	ISO 179/1eU

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melting temperature, 10°C/min	<b>278</b>	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	<b>270</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>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Water absorption	<b>0.02</b>	%	Sim. to ISO 62
Density	<b>1450</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>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

**Features**

Tribologic Grade

**Chemical Resistance**

General Chemical Resistance

**Applications**

Automotive, Electrical and Electronical, Encapsulation

**Regional Availability**

Europe