

**Product Texts**

Standard grade with very good flowability. (reduced Plate out)  
 Long moulding parts, accurate reproduction of detail.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Melt flow index, MFI	<b>27</b>	g/10min	ISO 1133
Temperature	<b>190</b>	°C	-
Load	<b>2.16</b>	kg	-

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Tensile Modulus	<b>2800</b>	MPa	ISO 527
Tensile Strength	<b>63</b>	MPa	ISO 527
Yield strain	<b>8</b>	%	ISO 527
Strain at break	<b>20</b>	%	ISO 527
Flexural strength	<b>65</b>	MPa	ISO 178
Charpy impact strength, +23°C	<b>140</b>	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	<b>5</b>	kJ/m <sup>2</sup>	ISO 179/1eA
Ball indentation hardness	<b>160</b>	MPa	ISO 2039-1

<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>115</b>	°C	ISO 75-1/-2
Vicat softening temperature, B	<b>150</b>	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	<b>HB</b>	class	IEC 60695-11-10
Thickness tested	<b>1.6</b>	mm	-

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1410</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</b>	°C	-
Pre-drying - Time	<b>2 - 3</b>	h	-
Processing humidity	<b>≤0.1</b>	%	-
Mold temperature	<b>60 - 120</b>	°C	-
Feed temperature	<b>150 - 170</b>	°C	-
Zone 1	<b>170 - 190</b>	°C	-
Nozzle temperature	<b>190 - 210</b>	°C	-
Maximum residence time	<b>20</b>	min	-

**Characteristics**

**Processing**

Injection Molding

**Regional Availability**

Europe