

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	20	cm <sup>3</sup> /10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-
Melt flow index, MFI	24	g/10min	ISO 1133
Temperature	260	°C	-
Load	5	kg	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Yield stress	63	MPa	ISO 527
Strain at break	50	%	ISO 527
Flexural modulus, 23°C	2800	MPa	ISO 178
Flexural strength	90	MPa	ISO 178
Izod impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	45	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	15	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-30	°C	-

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	73	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	81	°C	ISO 75-1/-2
Vicat softening temperature, B	85	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

Other properties	Value	Unit	Test Standard
Density	1190	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100 - 110	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.1	%	-
Melt temperature	275 - 300	°C	-
Mold temperature	60 - 90	°C	-

**Characteristics**

**Processing**

Injection Molding

**Special Characteristics**

Flame retardant, High impact or impact modified, Heat stabilized or stable to heat

**Chemical Resistance**

General Chemical Resistance

**Applications**

IT / Business Machine, Electrical and Electronical

**Regional Availability**

North America, Europe, Asia Pacific