

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Melt volume-flow rate, MVR	35	cm <sup>3</sup> /10min	ISO 1133
Temperature	360	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.9	%	ISO 294-4, 2577
Molding shrinkage, normal	1.0	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	2300	MPa	ISO 527
Yield stress	74	MPa	ISO 527
Yield strain	7.5	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy impact strength, -30°C	N	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	73	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy notched impact strength, -30°C	28	kJ/m <sup>2</sup>	ISO 179/1eA
Izod notched impact strength, +23°C	60	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength	25	kJ/m <sup>2</sup>	ISO 180/1A
Temperature	-30	°C	-
Ball indentation hardness	124	MPa	ISO 2039-1

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Glass transition temperature, 10°C/min	220	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	197	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	55	E-6/K	ISO 11359-1/-2
Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
Thickness tested	1.5	mm	-
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	3.0	mm	-

Other properties	Value	Unit	Test Standard
Water absorption	1.2	%	Sim. to ISO 62
Humidity absorption	0.6	%	Sim. to ISO 62
Density	1310	kg/m <sup>3</sup>	ISO 1183
Bulk density	750	kg/m <sup>3</sup>	-

Material specific properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Viscosity number	71	cm <sup>3</sup> /g	ISO 307, 1157, 1628

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Melt temperature	350 - 390	°C	-
Mold temperature	140 - 180	°C	-

**Characteristics**

**Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets

**Special Characteristics**

Flame retardant, Heat stabilized or stable to heat

**Chemical Resistance**

General Chemical Resistance, Environmental Stress Crack Resistance

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa