

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.1	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	12500	MPa	ISO 527
Stress at break	160	MPa	ISO 527
Strain at break	7.4	%	ISO 527
Flexural modulus, 23°C	11500	MPa	ISO 178
Izod impact strength, +23°C	82	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	17	kJ/m <sup>2</sup>	ISO 180/1A
Izod notched impact strength Temperature	8 -30	kJ/m <sup>2</sup> °C	ISO 180/1A -

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Temp. of deflection under load, 1.80 MPa	80	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	165	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	50	°C	ISO 75-1/-2
Vicat softening temperature, A	190	°C	ISO 306
Vicat softening temperature, B	135	°C	ISO 306

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Volume resistivity	5	Ohm*m	IEC 62631-3-1
Surface resistivity	50000	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1360	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	6 - 8	h	-
Melt temperature	225 - 240	°C	-
Mold temperature	65	°C	-

## Characteristics

**Processing**  
Injection Molding

**Regional Availability**  
Europe