

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>ISO Data</b>			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9	%	ISO 294-4, 2577
Thermal conductivity of melt	0.3	W/(m K)	-

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	12000	MPa	ISO 527
Stress at break	195	MPa	ISO 527
Strain at break	2.8	%	ISO 527
Flexural modulus, 23°C	11000	MPa	ISO 178
Flexural strength	280	MPa	ISO 178
Charpy impact strength, +23°C	70	kJ/m <sup>2</sup>	ISO 179/1eU
Charpy notched impact strength, +23°C	9	kJ/m <sup>2</sup>	ISO 179/1eA
Izod impact strength, +23°C	60	kJ/m <sup>2</sup>	ISO 180/1U
Izod notched impact strength, +23°C	11	kJ/m <sup>2</sup>	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Melting temperature, 10°C/min	387	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	162	°C	ISO 11357-1/-2
Temp. of deflection under load, 1.80 MPa	380	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	21	E-6/K	ISO 11359-1/-2

Electrical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Dissipation factor, 1MHz	40	E-4	IEC 62631-2-1
Volume resistivity	1E14	Ohm*m	IEC 62631-3-1
Electric strength	22	kV/mm	IEC 60243-1
Comparative tracking index	150	-	IEC 60112

Other properties	Value	Unit	Test Standard
Density	1530	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	150 - 180	°C	-
Pre-drying - Time	3 - 6	h	-
Processing humidity	≤0.02	%	-
Mold temperature	200 - 220	°C	-
Feed temperature	≤100	°C	-
Zone 1	385	°C	-
Zone 2	395	°C	-
Zone 3	400	°C	-
Zone 4	405	°C	-
Nozzle temperature	410	°C	-

**Characteristics**

**Processing**

Injection Molding

**Delivery form**

Pellets, Natural Color

**Chemical Resistance**

General Chemical Resistance

**Regional Availability**

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