

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	9000	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Strain at break	1.9	%	ISO 527
Flexural modulus, 23°C	7000	MPa	ISO 178
Flexural strength	160	MPa	ISO 178
Izod impact strength, +23°C	30	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	8	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Temp. of deflection under load, 8.00 MPa	85	°C	ISO 75-1/-2
Vicat softening temperature, B	230	°C	ISO 306
Electrical properties			
ISO Data			
Volume resistivity	1	Ohm*m	IEC 62631-3-1
Surface resistivity	5000	Ohm	IEC 62631-3-2
Other properties			
Density	1310	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	6 - 8	h	-
Melt temperature	285 - 305	°C	-
Mold temperature	120	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe