

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	9500	MPa	ISO 527
Stress at break	120	MPa	ISO 527
Strain at break	5.2	%	ISO 527
Flexural modulus, 23°C	8500	MPa	ISO 178
Flexural strength	155	MPa	ISO 178
Izod impact strength, +23°C	89	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	28	kJ/m ²	ISO 180/1A
Izod notched impact strength	15	kJ/m ²	ISO 180/1A
Temperature	-30	°C	-
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	150	°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	100	°C	ISO 75-1/-2
Vicat softening temperature, A	170	°C	ISO 306
Vicat softening temperature, B	160	°C	ISO 306
Electrical properties			
ISO Data			
Volume resistivity	0.1	Ohm*m	IEC 62631-3-1
Surface resistivity	1000	Ohm	IEC 62631-3-2
Other properties			
Density	1150	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	6 - 8	h	-
Melt temperature	245 - 255	°C	-
Mold temperature	35	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe