

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	28500	MPa	ISO 527
Stress at break	250	MPa	ISO 527
Strain at break	2.3	%	ISO 527
Flexural modulus, 23°C	23500	MPa	ISO 178
Flexural strength	375	MPa	ISO 178
Izod impact strength, +23°C	60	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	10	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	235	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	250	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	195	°C	ISO 75-1/-2
Vicat softening temperature, A	250	°C	ISO 306
Vicat softening temperature, B	235	°C	ISO 306

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	0.005	Ohm*m	IEC 62631-3-1
Surface resistivity	1000	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1320	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	6 - 8	h	-
Melt temperature	265 - 280	°C	-
Mold temperature	110	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe