

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.5	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	25500	MPa	ISO 527
Stress at break	250	MPa	ISO 527
Strain at break	2.1	%	ISO 527
Flexural modulus, 23°C	22000	MPa	ISO 178
Flexural strength	380	MPa	ISO 178
Izod impact strength, +23°C	71	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, 8.00 MPa	155	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Volume resistivity	0.01	Ohm*m	IEC 62631-3-1
Surface resistivity	100	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1270	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	300 - 310	°C	-
Mold temperature	120	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe