

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	19000	MPa	ISO 527
Stress at break	160	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Flexural modulus, 23°C	14000	MPa	ISO 178
Flexural strength	215	MPa	ISO 178
Izod impact strength, +23°C	25	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	5	kJ/m ²	ISO 180/1A
Izod notched impact strength Temperature	3 -30	kJ/m ² °C	ISO 180/1A -

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	135	°C	ISO 75-1/-2
Temp. of deflection under load, 8.00 MPa	130	°C	ISO 75-1/-2
Vicat softening temperature, A	155	°C	ISO 306

Other properties	Value	Unit	Test Standard
Density	1310	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	290 - 295	°C	-
Mold temperature	80 - 90	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe