

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.2	%	ISO 294-4, 2577
Molding shrinkage, normal	1.2	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	2200	MPa	ISO 527
Yield stress	15	MPa	ISO 527
Yield strain	4	%	ISO 527
Stress at break	15	MPa	ISO 527
Strain at break	100	%	ISO 527
Charpy impact strength, +23°C	20	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	1.3	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	60	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	100	°C	ISO 75-1/-2
Vicat softening temperature, B	100	°C	ISO 306
Electrical properties			
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257
Other properties			
Density	810	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3	h	-
Melt temperature	190 - 220	°C	-
Mold temperature	50 - 70	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Features

Homopolymer