

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.4	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	900	MPa	ISO 527
Yield stress	8	MPa	ISO 527
Yield strain	6	%	ISO 527
Stress at break	8	MPa	ISO 527
Strain at break	55	%	ISO 527
Charpy impact strength, +23°C	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	12	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	40	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	55	°C	ISO 75-1/-2
Vicat softening temperature, B	50	°C	ISO 306
Electrical properties			
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257
Other properties			
Density	850	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3	h	-
Melt temperature	220 - 240	°C	-
Mold temperature	40 - 60	°C	-

Characteristics

Processing

Injection Molding

Features

Homopolymer

Special Characteristics

High impact or impact modified

Regional Availability

Europe