

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Molding shrinkage, normal	0.9	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	6600	MPa	ISO 527
Yield stress	100	MPa	ISO 527
Yield strain	6.5	%	ISO 527
Stress at break	100	MPa	ISO 527
Strain at break	8	%	ISO 527
Charpy impact strength, +23°C	70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	15	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	175	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	180	°C	ISO 75-1/-2
Vicat softening temperature, B	170	°C	ISO 306
Coeff. of linear therm. expansion, parallel	35	E-6/K	ISO 11359-1/-2

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	1E12	Ohm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	1230	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	70 - 90	°C	-
Pre-drying - Time	3	h	-
Melt temperature	210 - 230	°C	-
Mold temperature	70 - 90	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe

Special Characteristics

Heat stabilized or stable to heat