

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	4500	MPa	ISO 527
Stress at break	35	MPa	ISO 527
Strain at break	0.7	%	ISO 527
Charpy impact strength, +23°C	20	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	95	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	160	°C	ISO 75-1/-2
Vicat softening temperature, B	165	°C	ISO 306

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Surface Resistivity	10000	Ohm	ASTM D 257
Volume Resistivity	10000	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Density	4250	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	3	h	-
Melt temperature	250 - 270	°C	-
Mold temperature	60 - 80	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

Europe