

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	52	g/10min	ISO 1133
Temperature	280	°C	-
Load	5	kg	-
Molding shrinkage, parallel	1.5	%	ISO 294-4, 2577
Molding shrinkage, normal	1.4	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	11500	MPa	ISO 527
Tensile Strength	100	MPa	ISO 527
Strain at break	2	%	ISO 527
Charpy impact strength, +23°C	35	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	255	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	50	°C	ISO 11357-1/-2
Electrical properties			
ASTM Data			
Surface Resistivity	1.7E14	Ohm	ASTM D 257
Other properties			
Density	2070	kg/m ³	ISO 1183
Bulk density	990	kg/m ³	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.1	%	-
Melt temperature	290 - 310	°C	-
Mold temperature	90 - 150	°C	-
Zone 1	260 - 310	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Thermally Conductive

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, South and Central America