

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	12000	MPa	ISO 527
Stress at break	70	MPa	ISO 527
Strain at break	0.75	%	ISO 527
Flexural modulus, 23°C	11000	MPa	ISO 178
Charpy impact strength, +23°C	9	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	2.5	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	245	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	260	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	1.6	mm	-
Electrical properties			
ISO Data			
Surface resistivity	1000000	Ohm	IEC 62631-3-2
Other properties			
Density	1610	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4	h	-
Processing humidity	≤0.2	%	-
Melt temperature	275 - 300	°C	-
Mold temperature	80 - 105	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets

Special Characteristics

Increased electrical conductivity, Thermally Conductive

Applications

Automotive, Electrical and Electronical, Encapsulation

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa