

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	25000	MPa	ISO 527
Tensile Strength	220	MPa	ISO 527
Flexural modulus, 23°C	22000	MPa	ISO 178
Charpy impact strength, +23°C	55	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	235	°C	ISO 75-1/-2
Electrical properties			
ISO Data			
Surface resistivity	1000	Ohm	IEC 62631-3-2
Other properties			
Density	1450	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 5	h	-
Processing humidity	≤0.02	%	-
Melt temperature	280	°C	-
Mold temperature	60 - 120	°C	-
Zone 1	285 - 295	°C	-
Zone 2	270 - 280	°C	-
Zone 3	265 - 275	°C	-
Nozzle temperature	265 - 275	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

Increased electrical conductivity

Features

Creep Resistance

Applications

Automotive, IT / Business Machine, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific