

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	12000	MPa	ISO 527
Tensile Strength	105	MPa	ISO 527
Flexural modulus, 23°C	9500	MPa	ISO 178
Charpy impact strength, +23°C	30	kJ/m ²	ISO 179/1eU

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	100	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1360	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	250	°C	-
Mold temperature	60 - 120	°C	-
Zone 1	240 - 260	°C	-
Zone 2	260 - 280	°C	-
Zone 3	250 - 270	°C	-
Nozzle temperature	250 - 265	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

Increased electrical conductivity

Applications

Automotive, IT / Business Machine, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific