

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	36000	MPa	ISO 527
Tensile Strength	386	MPa	ISO 527
Flexural modulus, 23°C	31000	MPa	ISO 178
Charpy impact strength, +23°C	83	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	9	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	270	°C	ISO 75-1/-2
Electrical properties			
ISO Data			
Surface resistivity	10000	Ohm	IEC 62631-3-2
Other properties			
Density	1350	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	16	h	-
Processing humidity	≤0.05	%	-
Melt temperature	320	°C	-
Mold temperature	135 - 160	°C	-
Zone 1	300 - 320	°C	-
Zone 2	310 - 330	°C	-
Zone 3	315 - 335	°C	-
Nozzle temperature	315 - 335	°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