

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	25	cm ³ /10min	ISO 1133
Temperature	285	°C	-
Load	2.16	kg	-
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	10000	MPa	ISO 527
Tensile Strength	160	MPa	ISO 527
Flexural modulus, 23°C	8500	MPa	ISO 178
Charpy impact strength, +23°C	50	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	45	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Vicat softening temperature, A	245	°C	ISO 306
Electrical properties			
ISO Data			
Surface resistivity	1000000	Ohm	IEC 62631-3-2
Other properties			
Density	1200	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	75	°C	-
Pre-drying - Time	6 - 16	h	-
Processing humidity	≤0.1	%	-
Melt temperature	290	°C	-
Mold temperature	90 - 120	°C	-
Zone 1	290 - 310	°C	-
Zone 2	290 - 310	°C	-
Zone 3	290 - 310	°C	-
Nozzle temperature	280 - 300	°C	-

Characteristics

Processing

Injection Molding

Applications

Automotive, IT / Business Machine, Electrical and Electronical

Delivery form

Black

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

Increased electrical conductivity, Heat stabilized or stable to heat