

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Thermal conductivity of melt	1.2	W/(m K)	-
Mechanical properties			
ISO Data			
Tensile Modulus	24000	MPa	ISO 527
Tensile Strength	260	MPa	ISO 527
Flexural modulus, 23°C	19000	MPa	ISO 178
Charpy impact strength, -30°C	45	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	14	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	11	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	250	°C	ISO 75-1/-2
Vicat softening temperature, A	260	°C	ISO 306
Coeff. of linear therm. expansion, parallel	14	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Electrical properties			
ISO Data			
Surface resistivity	1000	Ohm	IEC 62631-3-2
Other properties			
Density	1280	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

Delivery form

Black

Special Characteristics

Increased electrical conductivity, Heat stabilized or stable to heat

Applications

Automotive, IT / Business Machine, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific