

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Thermal conductivity of melt	1.5	W/(m K)	-
Mechanical properties			
ISO Data			
Tensile Modulus	32000	MPa	ISO 527
Tensile Strength	262	MPa	ISO 527
Flexural modulus, 23°C	30000	MPa	ISO 178
Charpy impact strength, +23°C	48	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	270	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	11	E-6/K	ISO 11359-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Electrical properties			
ISO Data			
Surface resistivity	10000	Ohm	IEC 62631-3-2
Other properties			
Density	1450	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	100 - 140	°C	-
Pre-drying - Time	2 - 4	h	-
Melt temperature	330	°C	-
Mold temperature	150 - 180	°C	-
Zone 1	300 - 320	°C	-
Zone 2	310 - 330	°C	-
Zone 3	320 - 340	°C	-
Nozzle temperature	320 - 340	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

Increased electrical conductivity, Flame retardant

Features

Creep Resistance

Applications

Automotive, IT / Business Machine, Electrical and Electronical, Medical

Regional Availability

North America, Europe, Asia Pacific