

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Thermal conductivity of melt	0.48	W/(m K)	-
Mechanical properties			
ISO Data			
Tensile Modulus	25000	MPa	ISO 527
Tensile Strength	275	MPa	ISO 527
Flexural modulus, 23°C	23000	MPa	ISO 178
Charpy impact strength, +23°C	55	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load, 1.80 MPa	275	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	13	E-6/K	ISO 11359-1/-2
Electrical properties			
ISO Data			
Surface resistivity	1000	Ohm	IEC 62631-3-2
Other properties			
Density	1320	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	330	°C	-
Mold temperature	135 - 160	°C	-
Zone 1	320 - 340	°C	-
Zone 2	320 - 345	°C	-
Zone 3	325 - 350	°C	-
Nozzle temperature	320 - 330	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Black

Applications

Automotive, IT / Business Machine

Regional Availability

North America, Europe, Asia Pacific