

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Thermal conductivity of melt	7	W/(m K)	-
Mechanical properties			
ISO Data			
Tensile Modulus	9500	MPa	ISO 527
Tensile Strength	54	MPa	ISO 527
Flexural modulus, 23°C	8500	MPa	ISO 178
Charpy impact strength, +23°C	22	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Coeff. of linear therm. expansion, parallel	30	E-6/K	ISO 11359-1/-2
Electrical properties			
ISO Data			
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Other properties			
Density	1600	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 5	h	-
Processing humidity	≤0.02	%	-
Melt temperature	280	°C	-
Mold temperature	60 - 120	°C	-
Zone 1	285 - 295	°C	-
Zone 2	270 - 280	°C	-
Zone 3	265 - 275	°C	-
Nozzle temperature	265 - 275	°C	-

Characteristics

Processing

Injection Molding

Delivery form

White

Special Characteristics

Heat stabilized or stable to heat, Thermally Conductive

Applications

Automotive, IT / Business Machine, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific