

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	58	g/10min	ISO 1133
Temperature	380	°C	-
Load	10	kg	-
Molding shrinkage, parallel	0.8	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	7500	MPa	ISO 527
Tensile Strength	105	MPa	ISO 527
Flexural modulus, 23°C	6500	MPa	ISO 178
Charpy notched impact strength, +23°C	6	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Vicat softening temperature, A	305	°C	ISO 306
Coeff. of linear therm. expansion, parallel	30	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	>1E15	Ohm	IEC 62631-3-2
Other properties			
Density	1410	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	3 - 6	h	-
Processing humidity	≤0.05	%	-
Melt temperature	390	°C	-
Mold temperature	170 - 200	°C	-
Zone 1	360 - 370	°C	-
Zone 2	380 - 390	°C	-
Zone 3	390 - 400	°C	-
Nozzle temperature	360 - 380	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Natural Color

Special Characteristics

Flame retardant

Features

Low Warpage

Chemical Resistance

General Chemical Resistance, Hydrolytically Stable

Applications

Aircraft and Aerospace, Automotive, Medical

Regional Availability

North America, Europe, Asia Pacific