

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	17	cm ³ /10min	ISO 1133
Temperature	380	°C	-
Load	10	kg	-
Molding shrinkage, parallel	1.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	4000	MPa	ISO 527
Tensile Strength	85	MPa	ISO 527
Flexural modulus, 23°C	3500	MPa	ISO 178
Charpy impact strength, +23°C	95	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Vicat softening temperature, A	280	°C	ISO 306
Other properties			
Density	1370	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

Additives

Lubricants

Special Characteristics

Flame retardant

Chemical Resistance

General Chemical Resistance, Hydrolytically Stable

Applications

Aircraft and Aerospace, Automotive, Medical

Regional Availability

North America, Europe, Asia Pacific