

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	5	g/10min	ISO 1133
Temperature	300	°C	-
Load	1.2	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	8500	MPa	ISO 527
Tensile Strength	142	MPa	ISO 527
Strain at break	4	%	ISO 527
Charpy impact strength, +23°C	70	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Glass transition temperature, 10°C/min	148	°C	ISO 11357-1/-2
Other properties			
Value			
Density	1430	kg/m ³	ISO 1183
Bulk density	650	kg/m ³	-
Processing Recommendation Injection Molding			
Value			
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	2 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	290 - 310	°C	-
Mold temperature	80 - 110	°C	-
Zone 1	280 - 320	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Natural Color

Regional Availability

North America, Europe, Asia Pacific, South and Central America