

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	3.5	g/10min	ISO 1133
Temperature	380	°C	-
Load	5	kg	-
Mechanical properties			
ISO Data			
Tensile Modulus	7500	MPa	ISO 527
Tensile Strength	105	MPa	ISO 527
Strain at break	4	%	ISO 527
Charpy impact strength, +23°C	40	kJ/m ²	ISO 179/1eU
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	343	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	143	°C	ISO 11357-1/-2
Other properties			
Density	1520	kg/m ³	ISO 1183
Bulk density	750	kg/m ³	-
Processing Recommendation Injection Molding			
Pre-drying - Temperature	140 - 160	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.02	%	-
Melt temperature	390 - 400	°C	-
Mold temperature	160 - 210	°C	-
Zone 1	360 - 400	°C	-

Characteristics

Processing

Injection Molding

Regional Availability

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

Delivery form

Pellets, Black