

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.002	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	5100	MPa	ISO 527
Tensile Strength	151	MPa	ISO 527
Flexural modulus, 23°C	8030	MPa	ISO 178
Flexural strength	237	MPa	ISO 178
Izod notched impact strength, +23°C	17.1	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	265	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	249	°C	ISO 75-1/-2

Other properties	Value	Unit	Test Standard
Density	1480	kg/m ³	ASTM D 792

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 100	°C	-
Pre-drying - Time	2 - 4	h	-
Processing humidity	≤0.2	%	-
Melt temperature	290 - 310	°C	-
Mold temperature	66 - 107	°C	-

Characteristics

Processing

Injection Molding

Features

Long fiber reinforced

Delivery form

Natural Color

Regional Availability

North America, Europe, South and Central America