

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.9	%	ISO 294-4, 2577
Molding shrinkage, normal	1.3	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Yield stress	95	MPa	ISO 527
Strain at break	70	%	ISO 527
Flexural modulus, 23°C	3500	MPa	ISO 178
Flexural modulus	5400	MPa	ISO 178
Flexural modulus temperature	-196	°C	-
Flexural strength	150	MPa	ISO 178
Shore D hardness	84	-	ISO 7619-1

Other Standards^[5]			
Compressive Strength	120	MPa	ISO 604

S: These properties are reported by the producer according standards that are different to our defaults.

Thermal properties	Value	Unit	Test Standard
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
Coeff. of linear therm. expansion, parallel	45	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	65	E-6/K	ISO 11359-1/-2

Other Standards^[5]			
Thermal Conductivity, solid state	0.32	W/(m K)	ISO 22007-4

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
Density	1300 ^[1]	kg/m ³	ISO 1183

1: Crystalline

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120 - 150	°C	-
Pre-drying - Time	3 - 5	h	-
Mold temperature	170 - 200	°C	-
Feed temperature	100	°C	-
Zone 1	375	°C	-
Zone 2	380 - 385	°C	-
Zone 3	390	°C	-
Nozzle temperature	395	°C	-

Characteristics

Processing
Injection Molding, Other Extrusion

Delivery form
Pellets, Natural Color

Chemical Resistance
General Chemical Resistance

Regional Availability
North America, Europe, Asia Pacific, South and Central America, Near East/Africa