

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	18500	MPa	ISO 527
Tensile Strength	135	MPa	ISO 527
Strain at break	0.5	%	ISO 527
Charpy impact strength, +23°C	20	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	280	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	90	°C	ISO 11357-1/-2
Coeff. of linear therm. expansion, parallel	10	E-6/K	ISO 11359-1/-2
Coeff. of linear therm. expansion, normal	20	E-6/K	ISO 11359-1/-2

Other properties	Value	Unit	Test Standard
Density	1500	kg/m ³	ISO 1183
Bulk density	660	kg/m ³	-

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	140 - 150	°C	-
Pre-drying - Time	4 - 6	h	-
Processing humidity	≤0.05	%	-
Melt temperature	300 - 340	°C	-
Mold temperature	130 - 160	°C	-
Zone 1	285 - 330	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Regional Availability

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