

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10600	MPa	ISO 527
Tensile Strength	200	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Charpy impact strength, +23°C	45	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	295	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	75	°C	ISO 11357-1/-2

Other properties	Value	Unit	Test Standard
Water absorption	1.58	%	Sim. to ISO 62
Density	1300	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	2 - 8	h	-
Processing humidity	≤0.05	%	-
Melt temperature	300 - 320	°C	-
Mold temperature	80 - 150	°C	-
Zone 1	280 - 320	°C	-

Characteristics

Processing

Injection Molding

Additives

Lubricants

Delivery form

Pellets, Black

Regional Availability

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