

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	18500	MPa	ISO 527
Tensile Strength	250	MPa	ISO 527
Strain at break	2.2	%	ISO 527
Charpy impact strength, +23°C	65	kJ/m ²	ISO 179/1eU

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	260	°C	ISO 11357-1/-3
Glass transition temperature, 10°C/min	72	°C	ISO 11357-1/-2

Other properties	Value	Unit	Test Standard
Density	1470	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80	°C	-
Pre-drying - Time	4 - 8	h	-
Processing humidity	≤0.1	%	-
Melt temperature	290 - 310	°C	-
Mold temperature	90 - 150	°C	-
Zone 1	260 - 310	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

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