

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.2	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	20000	MPa	ISO 527
Tensile Strength	245	MPa	ISO 527
Strain at break	1.5	%	ISO 527
Charpy impact strength, +23°C	50	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

Electrical properties	Value	Unit	Test Standard
Other Standards^[5]			
Volume resistivity	4.94	Ohm*m	ISO 3915

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

Other properties	Value	Unit	Test Standard
Density	1270	kg/m ³	ISO 1183
Bulk density	570	kg/m ³	-

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 - 300	°C	-
Mold temperature	80 - 120	°C	-
Zone 1	280 - 300	°C	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Regional Availability

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