

Processing/Physical Characteristics	Value	Unit	Test Standard
Other Standards^{S1}			
Molding shrinkage, parallel	0.1	%	Producer Method

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

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	18500	MPa	ISO 527
Stress at break	185	MPa	ISO 527
Strain at break	1.2	%	ISO 527
Flexural modulus, 23°C	17600	MPa	ISO 178
Flexural strength	275	MPa	ISO 178
Charpy impact strength, +23°C	50	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	18	kJ/m ²	ISO 179/1eA
Izod impact strength, +23°C	47	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	19	kJ/m ²	ISO 180/1A

Other properties	Value	Unit	Test Standard
Humidity absorption	1.4	%	Sim. to ISO 62
Density	1720	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	1 - 2	h	-
Melt temperature	340	°C	-
Mold temperature	150	°C	-
Zone 1	310 - 320	°C	-
Zone 2	315 - 330	°C	-
Zone 3	325 - 335	°C	-
Nozzle temperature	320 - 335	°C	-

Characteristics

Processing
Injection Molding, Compression Molding

Certifications
RoHS compliant

Delivery form
Black

Regional Availability
North America, Europe

Features
Long fiber reinforced