

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	14.3	cm ³ /10min	ISO 1133
Temperature	380	°C	-
Load	10	kg	-
Melt flow index, MFI	16.3	g/10min	ISO 1133
Temperature	380	°C	-
Load	10	kg	-
Other Standards^[S]			
Molding shrinkage, parallel	0.3	%	DIN 16901

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	7800	MPa	ISO 527
Tensile Strength	126	MPa	ISO 527
Charpy impact strength, +23°C	66	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	280	°C	ISO 75-1/-2

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	1E9	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1360	kg/m ³	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	150	°C	-
Pre-drying - Time	3 - 6	h	-
Melt temperature	390	°C	-
Zone 1	360 - 370	°C	-
Zone 2	380 - 390	°C	-
Zone 3	390 - 400	°C	-
Nozzle temperature	360 - 380	°C	-

Characteristics

Processing

Other Extrusion, Additive Manufacturing

Delivery form

Pellets, Black

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Chemical Resistance

General Chemical Resistance

Applications

Aircraft and Aerospace, Filament for 3D Printing

Regional Availability

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