

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	5.5	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2100	MPa	ISO 527
Yield stress	39.9	MPa	ISO 527
Nominal strain at break	11	%	ISO 527
Izod notched impact strength, +23°C	39	kJ/m ²	ISO 180/1A
Ball indentation hardness	77	MPa	ISO 2039-1
Other Standards^{S)}			
Flexural modulus, 23°C	2370	MPa	
Flexural strength	72.7	MPa	

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

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	252	°C	ISO 11357-1/-3
Vicat softening temperature, A	108	°C	ISO 306

Other properties	Value	Unit	Test Standard
Water absorption	1.02	%	Sim. to ISO 62
Humidity absorption	0.19	%	Sim. to ISO 62
Density	1050	kg/m ³	ISO 1183

Characteristics

Processing

Additive Manufacturing

Delivery form

Monofilament

Special Characteristics

High impact or impact modified

Features

High Gloss

Regional Availability

Europe