

Processing/Physical Characteristics	Value	Unit	Test Standard
<b>Other Standards<sup>S1</sup></b>			
Molding shrinkage, parallel	0.1	%	DIN 16901

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

Mechanical properties	Value	Unit	Test Standard
<b>ISO Data</b>			
Tensile Modulus	9000	MPa	ISO 527
Tensile Strength	80	MPa	ISO 527
Flexural modulus, 23°C	8000	MPa	ISO 178
Flexural strength	130	MPa	ISO 178
Charpy impact strength, +23°C	40	kJ/m <sup>2</sup>	ISO 179/1eU

Other properties	Value	Unit	Test Standard
Density	1400	kg/m <sup>3</sup>	ISO 1183

Processing Recommendation Extrusion	Value	Unit	Test Standard
Pre-drying - Temperature	90	°C	-
Pre-drying - Time	6 - 8	h	-
Melt temperature	245	°C	-
Zone 1	230 - 265	°C	-
Zone 2	230 - 265	°C	-
Zone 3	230 - 265	°C	-
Nozzle temperature	235 - 255	°C	-

## Characteristics

### Processing

Other Extrusion, Additive Manufacturing

### Delivery form

Pellets, Black, Natural Color

### Applications

Automotive, Filament for 3D Printing

### Regional Availability

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