



3D Printing Filament

TECHNICAL DATA SHEET NEXTT

Commercial name: Fiber Force NEXTT
Raw material: ABS Based Compound
Designation: 3D printing applications
Manufacturer: Fiber Force Italy srl – Vicolo Dotti 4 – 31100 Treviso - Italy

Material specifications

Property	Value	Test Method - ISO
Density	1,03 g/cm ³	1183
Vicat Softening Temperature	103°C	306/A50
Tensile Modulus	1900 MPa	527-2
Tensile Strength	43 MPa	527-2/50
Flextural Modulus	2050 MPa	178
Flextural Strength	66 MPa	178
Charpy Impact Strength	140 kJ/ m ²	179
Ball Indentation Hardness	74 MPa	2039-1

Filament specifications

Property	Value and Tolerances
Diameter 1.75mm	1.75 ± 0.05 mm
Diameter 2.85mm	2.85 ± 0.05 mm
Roundness deviation	max 3%
Suggested print temperature (guideline)	240 – 250°C
Suggested print speed	40 – 80 mm/s
Suggested bed temperature	90-110°C