Source:

BRAND: Verbatim
NAME: Verbatim ABS

Product Information

- High performance Acrylonitrile Butadiene Styrene (ABS) for material extrusion
- High rigidity, high gloss, medium impact strength
- Resistant to grease
- Good post-printing workability
- Strong odour during printing
- Main applications: Concept modelling for building, electrical, automotive industry etc. Non-critical parts such as enclosures
- Made in Japan.

Product Specifications

Diameter accuracy:	1.75 ± 0.05 mm
Material Net Weight:	1.00 kg
Gross Weight:	1.5 kg (includes spool and corrugated box)
Filament Length:	396 m
Density:	1.05 g/cm^3
Viscat soltening temperature:	104 °C
Flexural Strength:	76 MPa
Flexural Modulus:	2200 MPa
Impact Strength (Charpy):	21 KJ/m2
Molding Shrinkage:	0.3 – 0.7 %
Tensile Yield:	47 MPa
Tensile Elongation:	30%
Spool Dimensions:	
Spool Diameter:	200 mm
Spool Depth:	72 mm
Hub Diameter:	102 mm
Hub Hole Diameter:	51 mm

Recommended printer set up

Extrusion temperature:	220-240 °C
Bed temperature:	80-100 °C
Printing speed:	30 mm/s