

TECHNICAL DATA SHEET

ABS - CF FILAMENT

ABS- CF is the most commonly used filament. It is good enough strong, toughness, impact strength and heat resistant characteristics ABS-CF has been very low warpage characteristics. That's why its most popular for advanced 3D printer users as well as preferred choice of engineers and professional users

Application: - functional part, prototypes, functional models, engineering part, casting print, engineering prototypes, small batch casing pattern, automobile parts etc.
Post processing: - Very easy with acetone

TYPICAL ABS MATERIAL PROPERTIES

Physical properties	Method	Typical value
Melt flow index	ISO 1133	8 g/10MIN
Vicat softening temp	ASTM D 1525	100°c
Mechanical properties	Method	Typical value
Tensile modulus	ISO 527	3000 MPa
Flexural strength	ISO 178	73 MPa
Hardness, Rockwell	ISO 2039-2	105 R scale
Heat deflection temp	ISO 75	97°c

Disclaimer

The results in the data sheet are just for your information and comparison values are significantly dependent on print or printer settings, operating experiences and surrounding conditions or weather. Everyone has to consider suitability and possible consequences of printed parts usage. Tesseract cannot carry any responsibility for any change of data during outside testing or injures or any loss caused by using of Tesseract material.