

Filament specs.		
Size	∅ tolerance	Roundness
1,75mm	± 0,05mm	≥ 95%
2,85mm	± 0,10mm	≥ 95%

Material properties		
Description	Testmethod	Typical value
Specific gravity	ISO 1183	1,26 g/cc
MFR 280°C/2,16 kg	ISO 1133	g/10 min
Tensile strength at yield	ISO 527	TBD
Strain at yield	ISO 527	TBD
Strain at Break	ISO 527	TBD
Tensile modulus	ISO 527	TBD
Flexural modulus	ISO 178	TBD
Flexural strength	ISO 178	Mpa
Impact strength - Charpy notched 23°C	ISO 179	TBD
Moisture absorption	ISO 62	TBD
Printing temp.	DF	205±10°C
Melting point	ISO 11357	TBD

Additional info:

Skulpt@Thibra3D softens at elevated temperatures. It is advised not to print at a high ambient temperature.

Minimal layer times should be taken into account to cool the material sufficiently.

Skulpt@Thibra3D will print on glass and adheres well to a variety of “print stickers” and other bed adhesives.

Skulpt@Thibra3D can be used on most common desktop FDM or FFF technology 3D printers.

Storage: Cool and dry (15-25°C) and away from UV light. This enhances the shelf life significantly.