

SKULPT

Skulpt is a unique filament that allows the user to make adjustments or changes on 3D prints after the printing process. A revolutionary filament for industrial designers, prototyping, artists, architects, prop makers or anyone who wants to make complete, clean and extremely smooth creations with their 3D printer. No more printing lines or fringes in the surface of your print. Skulpt is a temperature sensitive material that behaves like clay, but with the advantage that it can be adjusted for improving your creation. With other filaments, you will be forced to start all over again in case of minor printing flaws. Skulpt saves material, time and frustration. Just add some heat and you make your adjustments. Skulpt is the ideal material for every stage of your project!

Material features:

- Easy and stable printing process
- Sculptable when heated ($\pm 70^{\circ}\text{C}$)
- Can be smoothed to remove print lines / fringes after printing
- Easy to paint
- Re-use supports and failed prints for sculpting

Filament specs.		
Size	Ø tolerance	Roundness
1,75mm	$\pm 0,05\text{mm}$	$\geq 95\%$
Material properties		
Description	Testmethod	Typical value
Specific gravity	ISO 1183	1,26 g/cc
MFR 280°C/2, 16 kg	ISO 1133	TBD
Printing temp.	DF	205 \pm 10°C

Additional info:

Skulpt 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 will print on glass and adheres well to a variety of "print stickers" and other bed adhesives. Bed temperature of 45°C is advised, with a hotter first layer of 60°C to help adhesion. Skulpt 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.