

Technical Data Sheet



Product name: SKULPT

SKULPT is a unique sculptable 3D printer filament materialized by Thibra3D, which allows one to post process SKULPT 3D printed objects similar to sculpting clay. By projecting a temperature of $\pm 70^{\circ}\text{C}$ on the SKULPT 3D printed object it will be possible to tweak and finetune the 3D printed object by sculpting it or remodelling it slightly.

Visible 3D printed layers and imperfections caused by blobs, zits, zippers and removed support structures on the SKULPT 3D printed object can very easily be remodelled into a perfect smooth service and even detailed accents can be sculpted into the surface of the SKULPT 3D printed object.

Properties	Typical value	Test Method	Test condition
Physical			
Specific gravity	1.26 g/cc	ISO 1183	-
Melt flow rate	-	-	-
Water absorption	-	-	-
Moisture absorption	-	-	-
Mechanical			
Impact strength	-	-	-
Tensile strength	-	-	-
Tensile modulus	-	-	-
Elongation at break	-	-	-
Flexural strength	-	-	-
Flexural modulus	-	-	-
Hardness	-	-	-
Thermal			
Print temperature	$\pm 190 - 220^{\circ}\text{C}$	-	-
Melting temperature	$\pm 60 - 65^{\circ}\text{C}$	-	-
Viscat softening temp.	-	-	-
Optical			
Haze	-	-	-
Transmittance	-	-	-
Gloss	-	-	-

Product details, certifications and compliance	Diameter	Tolerance	Roundness
HS Code	39169090	$\pm 0.05\text{mm}$	$\geq 95\%$
REACH compliant	Yes	$\pm 0.10\text{mm}$	$\geq 95\%$
RoHS certified	Yes		

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