



High-Temp 220°C

Unionfab

■ Overview

High-Temp 220°C is a resin specially designed for SLA 3D printing. It offers excellent heat resistance, with a heat deflection temperature of up to 227°C after simple post-processing. This resin also provides superior precision and reliable surface quality, making it ideal for applications with high-temperature requirements, such as wind tunnels, impellers, motors, and rapid tooling.

■ Features

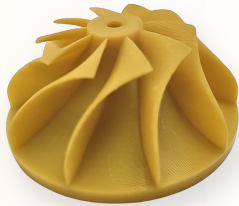
Excellent heat resistance	High detail resolution
Dimensional stability	Reliable surface quality

■ Typical technical performances

Mechanical Properties	Test Method	The metric system
Color of Molded Parts	Visual Inspection	Beige
Density	DIN 53466	1.16g/cm ³ @ 25°C
Shore Hardness	ASTM2240	90
Flexural Strength	ASTM D790	116 MPa
Flexural Modulus	ASTM D790	4321 MPa
Temperature Resistance to Thermal Deformation 0.455Mpa	ASTM D648	227°C
Temperature Resistance to Thermal Deformation 1.82Mpa	ASTM D648	170°C
Impact Strength	ASTM D256	16 J/M

■ Applications

● Impeller



● Rapid tooling

