

GH100

Product Description

GH100 is a red, semi-transparent high-temperature resistant Stereolithography (SLA) resin with a service temperature of up to 150°C. It offers good dimensional stability and rigidity, and is suitable for rapid tooling and products requiring heat resistance.

Typical Features

- High heat resistance (up to 150°C).
- Stable dimensions and good rigidity.
- Suitable for functional prototypes and engineering parts.

Physical Properties (Liquid)

Appearance	Red, semi-transparent
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Mechanical Properties (90-minute UV post-cure)

Property Description	Test Method	Metric
Heat Deflection Temperature (HDT)	ASTM D648 @ 66 psi	150°C
Tensile Modulus	ASTM D638	3235 MPa
Flexural Modulus	ASTM D790	3165 MPa
Tensile Strength	ASTM D638	42.7 MPa
Flexural Strength	ASTM D790	96.6 MPa
Elongation at Break	ASTM D638	1.5%
Hardness (Shore D)	ASTM D2240	83

Note: Material performance may vary depending on application, processing conditions and end-use environment. The information in this spec sheet is provided as typical values only and is not guaranteed.