

HT (High Temp) Resin enables applications that require resistance to high temperatures. Its ideal for heat resistant mounts, housings, and fixtures. It also has a pale neutral undertone that makes a great base for parts that will eventually be painted or undergo other finishing processes.

Contact:

sales@ideagen3D.com

www.ideagen3D.com

APPLICATIONS

- Industrial Models
- Functional Prototypes
- Automotive Parts
- High Temp. Resistance
- Case Molds
- Detailed, precise prototypes with high thermal stability

POST PROCESSING

- Sand-blasting
- Hand Sanding
- Drilling
- Priming
- Painting

TECHNICAL SPECS

Physical Properties:

Density (g/cm ³)	1.22
Rotary Viscosity @ 25°C (mPa.s)	891

Test:

D638M
D638M
D638M
D790
D790
D256A
D2240-15
D570
D6604
D648
D648

Mechanical Properties:

Tensile Strength (MPa)	64
Tensile Modulus (MPa)	2846
Elongation at break	3.5%
Flexural Strength (MPa)	114
Flexural Modulus (MPa)	2610
Izod Impact(Notched)	19 J/m
Hardness (Shore D)	88
Water Absorption	0.44%
Tg	85 °C
HDT@0.46MPa	71 °C
HDT@1.82MPa	66 °C

DISCLAIMER

The results presented in this data sheet are provided for information and comparison. Ideagen3D shall not carry any responsibility for injuries or any loss caused by the use of Standard White Resin by Ideagen3D. Users should still conduct their own testing to determine suitability.