

RESINS

by ideagen3D

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APPLICATIONS

- Concept Models
- Functional Prototypes
- Snap-Fit assemblies
- High impact Resistance
- Medium Temperature Resistance

POST PROCESSING

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

Standard White Resin is a thick photopolymer for printing strong, precise concept models and prototypes. With a matte surface finish, opaque appearance, its neutral undertone makes a great base for parts that will eventually be painted or undergo other finishing processes.

White Resin captures smooth surfaces and details, making it great for presentation-ready pieces or as a base for painted prints.

TECHNICAL SPECS

Physical Properties:

Density (g/cm ³)	1.14
Rotary Viscosity @ 25°C (mPa.s)	494

Test:

D638M	Tensile Strength (MPa)	54
D638M	Tensile Modulus (MPa)	3160
D638M	Elongation at break	6%
D790	Flexural Strength (MPa)	93
D790	Flexural Modulus (MPa)	2453
D256A	Izod Impact(Notched)	34 J/m
D2240-15	Hardness (Shore D)	84
D570	Water Absorption	0.49%
D6604	Tg	62 °C
D648	HDT@0.46MPa	60 °C
D648	HDT@1.82MPa	54 °C

Mechanical Properties:

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.

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THINGS**