

Godart®8228

Product Description

Godart®8228 is a ABS-like Stereolithography (SLA) material which has super toughness, high hardness and high strength. It can produce thin-walled parts with a thickness of 2.5mm and is resistant to temperature 70°C. It has excellent detail, small molding shrinkage, good dimensional stability, and is suitable for parts with high impact and shock absorption.

Typical Features

- Superior clarity and builds parts with good dimensional stability and excellent accuracy.
- Resin’s medium viscosity supports facilitates easier post-curing and less part finishing time.
- Ideal for vacuum casting master patterns.
- Mid-range strength and toughness.
- Easy to burn completely.

Physical Properties (Liquid)

Appearance	Yellow
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Mechanical Properties

Property Description	Test Method	Metric
Heat Deflection Temperature (HDT) (0.46 MPA)	ASTM D648 @ 66 psi	56 °C
Tensile Modulus	ASTM D638	2136 MPa
Flexural Modulus	ASTM D790	2155 MPa
Tensile Strength	ASTM D638	51.21 MPa
Flexural Strength	ASTM D790	93.5 MPa
Izod Impact (Notched)	ASTM D256	27 J/m
Hardness (Shore D)	ASTM D2240	86

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.