

Photopolymer, rigid

Key Features

High resolution • Smooth surface •

Applications

Prototyping • Jigs and fixtures • Tooling •
Automotive • Engineering • Consumer goods

Product Description

This photopolymer is a versatile, rigid material known for its exceptional detail and resemblance to acrylic rather than ABS, PC, polypropylene, or polyamide. It is primarily used for rapid prototyping, low-load functional testing, RTV molding patterns, and models.

Properties

Tensile strength	65 MPa
Elongation at break	25%
Flexural strength	92 MPa
Flexural modulus	2,700 MPa
Heat deflection temperature (0.45 MPa)	50°C
Heat deflection temperature (1.80 MPa)	45°C
Glass transition temperature	54°C
Density	1.28 g/cm ³
Hardness	86D

Reference

For more detailed source information, please consult the original document linked [here](#). We encourage users to verify the data's relevance and suitability for their specific needs.

