

Formlabs Durable

Key Features

Flexibility • Impact resistance • Stiffness • Low friction and non-degrading surfaces

Applications

Prototyping • Jigs and fixtures • Engineering • Consumer goods

Product Description

Durable Resin is highly pliable and impact-resistant, ideal for creating squeezable parts and low-friction assemblies. With polyethylene-like strength and stiffness, it's perfect for impact-resistant jigs. The material ranges from transparent to yellowish, offering versatility for various applications.

Properties*

Tensile modulus	1,000 MPa
Tensile strength	28 MPa
Elongation at break	55%
Flexural strength	24 MPa
Flexural modulus	660 MPa
Notched IZOD	114 J/m
Heat deflection temperature (0.45 MPa)	41°C
Coefficient of thermal expansion (0-150°C)	106 µm/m/°C

*Post-cured state

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.

