

Rigid White

Key Features

Biocompatibility • Smooth surface • UV resistance • UL94-V0 flammability

Applications

Prototyping • End-use parts • Jigs and fixtures • Automotive • Engineering • Electronics • Medicine, dentistry

Product Description

Rigid White is an opaque, rigid white production-grade plastic designed for same-day parts. With biocompatible capability, it offers a smooth surface finish, long-term environmental stability, and lasting white color. Ideal for medical, consumer goods, and industrial applications, it exhibits thermoplastic behavior with necking at break, perfect for snap-fit needs. Featuring a 65°C heat deflection temperature and high elongation at break (20%), it enables fast print speeds and simplified post-processing.

Properties*

Tensile modulus	2,100 MPa
Tensile strength	57 MPa
Elongation at break	20%
Flexural strength	84 MPa
Flexural modulus	2,200 MPa
Izod notched impact	21 J/m
Heat deflection temperature (0.45 MPa)	65°C
Heat deflection temperature (1.80 MPa)	55°C
Glass transition temperature (DMA, E'')	64 °C
Density	1.16g/cm ³
Hardness	81D
Flame retardancy	UL 94-HB

*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.

