

PP405 Black

Key Features

Elasticity • Impact & Water & UV & Chemical resistance • Low moisture absorption • Stiffness • Biocompatibility • Smooth surface

Applications

Prototyping • End-use parts • Jigs & fixtures • Automotive components • Consumer product parts

Product Description

PP405 Black is a polypropylene-like photopolymer resin which for SLA 3D printing applications which combines excellent flexibility, durability, and chemical resistance, offering mechanical performance similar to molded polypropylene.

Properties

Tensile modulus	1300 MPa
Tensile strength	35 MPa
Elongation at break	100 %
Flexural modulus	1383 MPa
Heat deflection temperature (0.45 MPa)	52.8 °C
Heat deflection temperature (1.80 MPa)	43.4 °C
Density	97.8 °C
Hardness	1.121 g/cm ³
Flame retardancy (thickness of the sample tested = 2 mm)	76 D
	UL94 HB

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.

