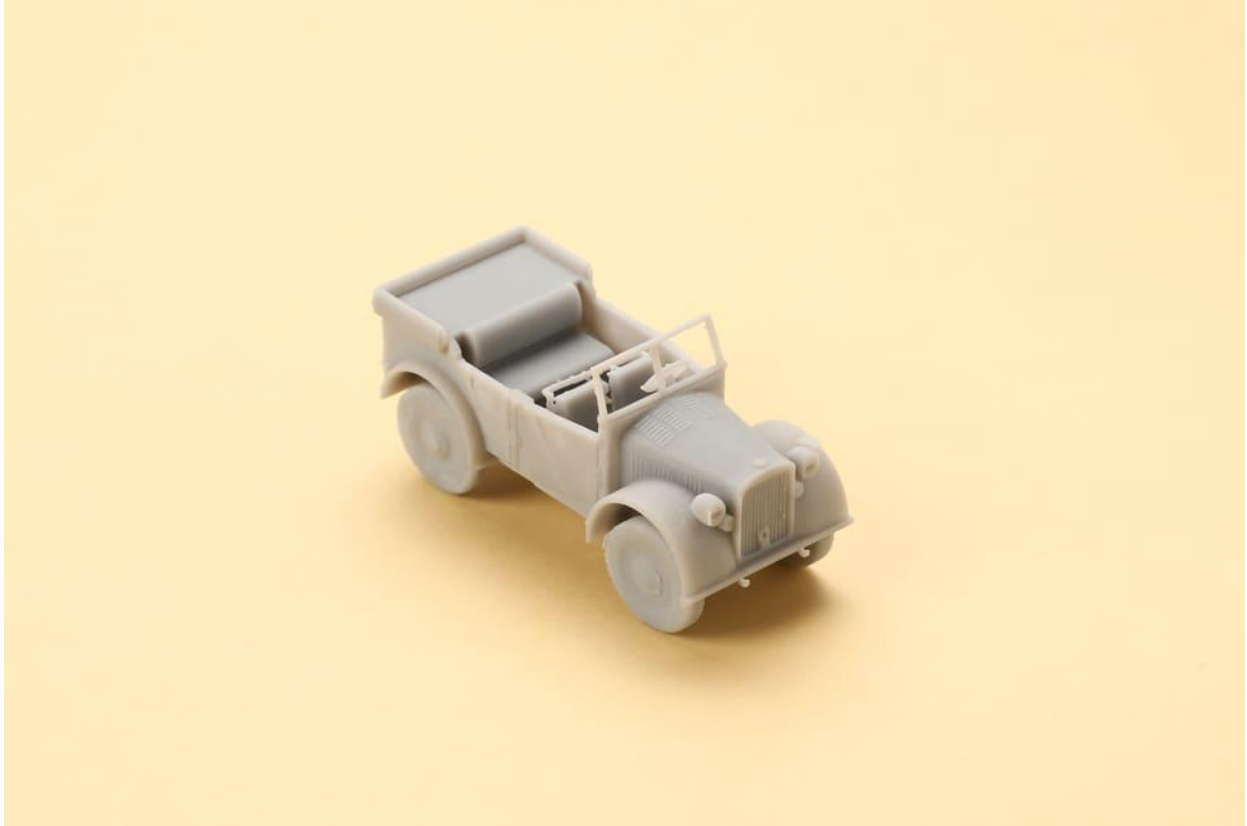


High-Detail Resin Gray Datasheet



Overview

Designed for high-precision manufacturing, High-Detail Resin Gray is a perfect material for miniatures, sculptures, etc. With SLA 3D printing, it produces parts with an extremely smooth surface and impressive precision.

As-printed Part's Tolerance: $\pm 200\mu\text{m}$ or 0.2%

Maximum Printing Size: 2100*1700*810mm

Properties

Thermal Properties	Metric	Method
Heat Deformation (0.46 MPa)	Coming Soon	Coming Soon
Heat Deformation (1.82 MPa)	Coming Soon	Coming Soon
Mechanical Properties	Metric	Method
Tensile Strength	Coming Soon	Coming Soon
Tensile Modulus	Coming Soon	Coming Soon
Elongation at Break	Coming Soon	Coming Soon
Flexural Properties	Metric	Method
Flexural Modulus	Coming Soon	Coming Soon
Impact Properties	Metric	Method
Notched Impact Strength	Coming Soon	Coming Soon
Other Properties	Metric	Method
Water Absorption	Coming Soon	Coming Soon

Pros

With exceptional detail fidelity, SLA printed high-detail resin gray delivers a sleek, smooth finish that's easy to paint or color. Its low water absorption also makes it an excellent choice for applications requiring water resistance.

Cons

Thicker, solid prints may show a slight yellow tint during production. Over time, resin-based products exposed to direct sunlight can gradually yellow and lose their strength, becoming more brittle with prolonged UV exposure.

Applications

Miniatures and Sculptures	Consumer Electronics	Home Supplies
Industrial Display Panels	Props	Experimental Instruments
Interior Decorations	Figurines	Game Consoles