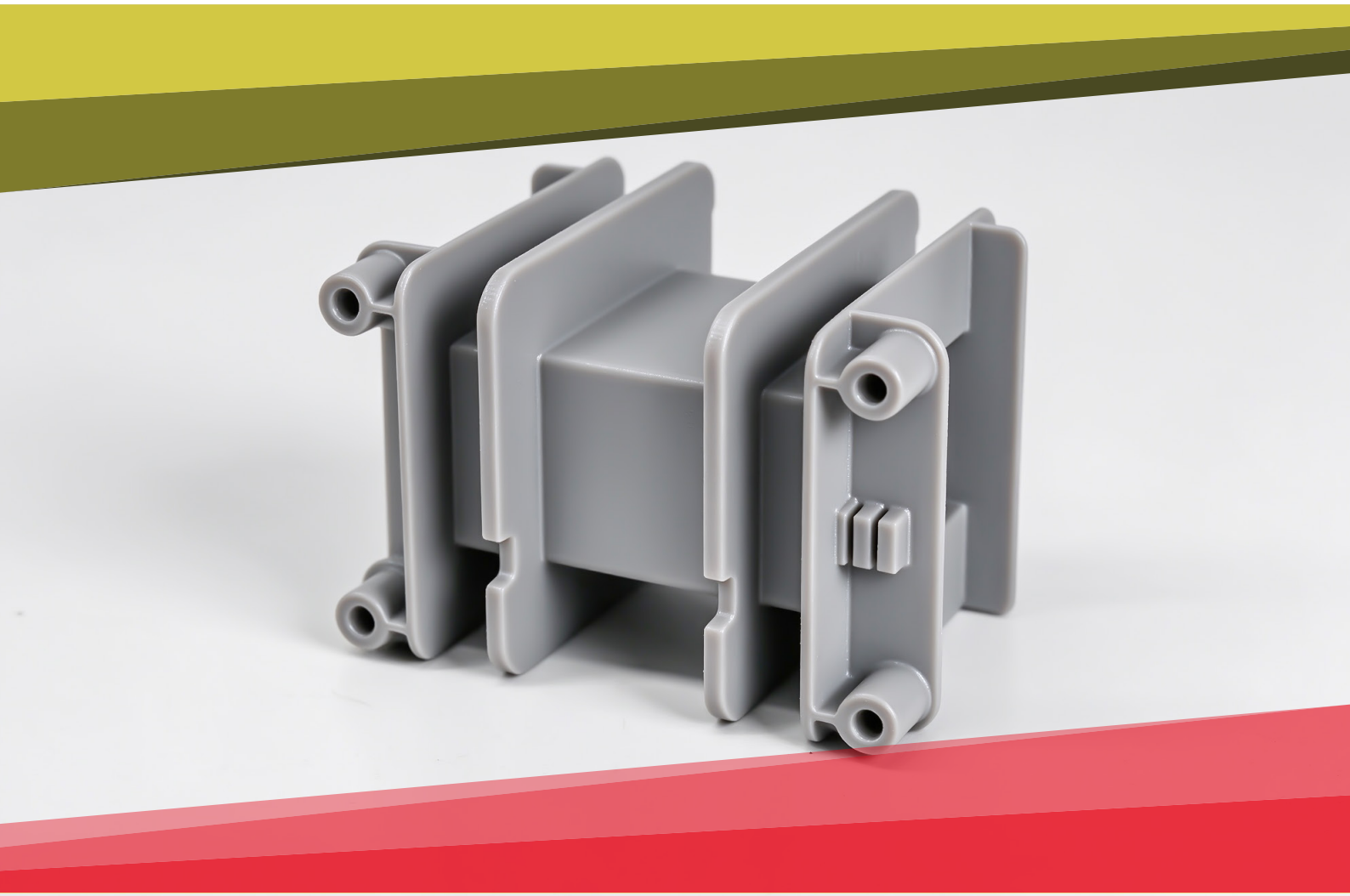
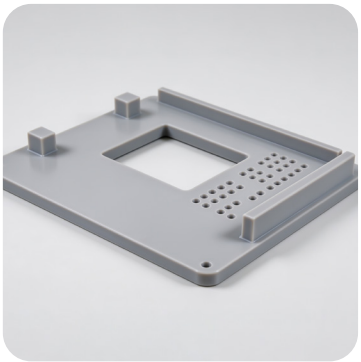
TECHNICAL DATA SHEET

KS40GR

/Kings 3D Resin /











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Material Overview

KS40GR is a grey SLA resin designed for functional prototypes and industrial applications. It combines high rigidity, low shrinkage, toughness, tear resistance, and excellent surface finish, delivering accurate and durable printed parts for a wide range of applications.

Advantages

- High Rigidity
- Low Shrinkage
- High Toughness
- Tear Resistant
- Excellent Surface Finish

Applications

- Automotive Prototyping
- Medical Models
- Electronic Components
- Functional Prototypes
- Master Patterns
- Product Prototypes
- Industrial Parts
- Visual & Presentation Models

Data Table

Physical Properties	
Color	Grey
Density	1.11-1.14g/cm3 @ 25 ℃
Viscosity	360-400 cps @ 25 ℃

Mechanical Properties		
Test Item	**Test Method**	**Value**
Hardness, Shore A	ASTM D 2240	78-85
Test Strength	ASTM D 790	60- 75
Ultimate Tensile Strength	ASTM D 638	37-45
Elongation at Break	ASTM D 638	12 -20
Glass Transition Temperature	ASTM D 256	58 - 70
Rebound Resilience	ASTM D 638	2,150-2,370
Density	ASTM D 648	55-65

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