prototypeprojects

Stereolithography (SLA) materials

Accura[®] 25

Applications

- First Trial
- Parts with Clip Features
- Master model for Silicone Tooling
- Concept models
- Low volume production

Features

- Replicates Polypropylene
- Good flexibility
- Good surface finish
- Simulates moulded part

Benefits

- Replicate parts with increased confidence
- Test functionality with excellent results
- Fast build time, next day delivery*

Technical data

MEASUREMENT	CONDITION	RESULT
Tensile Strength	ASTM D 638	38 MPa
Tensile Modulus	ASTM D 638	1,590 - 1,660 MPa
Elongation at break (%)	ASTM D 638	13-20%
Flexural Strength	ASTM D 790	55 - 58 MPa
Flexural Modulus	ASTM D 790	1,380 - 1,6650 MPa
Impact Strength (IZOD Notched)	ASTM D 256	19 - 24 J/m
Heat Deflection	ASTM D 648 @ 66 PSI	
	@ 66PSI	58-63°C
	@ 264 PSI	51-55°C
Glass Transition (Tg) with 120° Post Cure	DMA,E"	60°C
Hardness - Shore D		80

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*Build time is subject to part size.

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