

Stereolithography Materials (SLA)

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