

Stereolithography Materials (SLA)

Accura[®] Xtreme



Applications

- ▶ Product Enclosures
- ▶ Master Models
- ▶ Alternative to CNC ABS
- ▶ Functional First off Prototypes
- ▶ Consumer
- ▶ Automotive

Features

- ▶ Tough ABS like properties
- ▶ Good temperature resistance - up to 60°C
- ▶ Durable and Impact resistance

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	38-44 MPa
Tensile Modulus	ASTM D 638	1,790 - 1,980 MPa
Elongation at break (%)	ASTM D 638	14- 22%
Flexural Strength	ASTM D 790	52 - 71 MPa
Flexural Modulus	ASTM D 790	1,520 - 2,070 MPa
Impact Strength (IZOD Notched)	ASTM D 256	35- 52 J/m
Heat Deflection	ASTM D 64	
	@ 0.45 MPa	62°
	@ 1.82 MPa	54°

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* Build time is Subject to part size