



# VisiJet SL Flex

## STEREOLITHOGRAPHY (SLA) MATERIAL

### Utilizing SLA Technology

Stereolithography technology produces high accuracy and smooth surface finish parts and can be finished via a wide variety of post processing options.

Stereolithography (SLA) utilizes a vat of liquid photopolymer resin cured by an ultraviolet (UV) laser to solidify the pattern layer by layer to create a solid 3D model from customer supplied 3D data. The SLA process addresses the widest range of rapid manufacturing applications.

VisiJet SL Flex is an accurate and flexible plastic that is ideal for snap fit assemblies, master patterns for vacuum casting, and durable functional prototypes with the aesthetics of molded polypropylene (PP).

### VisiJet SL Flex

VISCOCITY (CPS) (@ 30°C)	FLEXURAL MODULUS (MPa) ASTM D 790	FLEXURAL STRENGTH (MPa) ASTM D 790	TENSILE MODULUS (MPa) ASTM D 638	TENSILE STRENGTH (MPa) ASTM D 638	ELONGATION AT BREAK ASTM D 638	IMPACT STRENGTH (J/m) ASTM D 256	HEAT DE- FLECTION TEMP (°C) ASTM D 648
180-280	1420	57	1620	38	16%	22	53°C

Data Provided by 3D SYSTEMS



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