



VisiJet SL Clear

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 Clear is a transparent, polycarbonate-like, bio-compatible, dental-compatible SLA material. This plastic, which can achieve high clarity with advanced post-processing procedures, has excellent humidity/moisture resistance for a multitude of applications, where transparency is key, such as headlamps, complex assemblies or fluid flow. Capable of meeting USP Class VI.

VisiJet SL Clear

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
200-300	2330	83	2560	52	6%	46	50°C

Data Provided by 3D SYSTEMS



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