

SL GREY Available on SLA Viper (250mm x 250mm x 250mm) from 2010

NEW GREY STEREO LITHOGRAPHY MATERIAL

Features, benefits and applications.

SL Grey stereolithography material is a low viscosity stable liquid that produces **durable grey models** and prototypes with good surface finish and detail, an ABS / Polypropylene-like appearance. It is especially good for assemblies with snap fits and for tough enclosures. Prototypes will withstand over 60°C without distortion.

Mechanical Properties

Measurement	Test Method	Finished Parts
Flexural modulus	ASTM D-790	1520- 2070 Mpa
Flexural strength	ASTM D-790	52-71 Mpa
Tensile modulus	ASTM D-638	1790- 1980 Mpa
Tensile strength	ASTM D-638	38- 44 Mpa
Elongation at break	ASTM D-638	14 – 22%
Impact strength, notched Izod	ASTM D-256	35-52 J/m

Thermal Properties

Measurement	Test Method	Value @ 90-minute UV post cure
Heat deflection temperature	ASTM D-648	@ 66 psi 62°C
	ASTM D-648	@264 psi 54°C

Ogle Models and Prototypes Ltd would like to inform you that the above are typical properties as advised by the material manufacturer.

