

## 3M Scotch-Weld™ MG250-55 UV Medical Grade Light Cure Adhesive

Category : Polymer , Adhesive

**Material Notes:**

3M™ Scotch-Weld™ Medical Grade Light Cure Adhesive is a single component adhesive that cure to give clear bonds when exposed to appropriate ultraviolet or visible light. It contains a fluorescing component that allows for automated verification of adhesive dispensing. It has been tested and meets the specifications of USP Class VI. These products are not intended for use in implantable devices. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Scotch-Weld-MG250-55-UV-Medical-Grade-Light-Cure-Adhesive.php](http://www.lookpolymers.com/polymer_3M-Scotch-Weld-MG250-55-UV-Medical-Grade-Light-Cure-Adhesive.php)

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in <sup>3</sup>	
Viscosity	250 cP	250 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	55	55	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	121 °C	250 °F	
Minimum Service Temperature, Air	-51.0 °C	-59.8 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.475	1.475	

Processing Properties	Metric	English	Comments
Cure Time	<= 0.0833 min	<= 0.00139 hour	Fixture Time, Glass side exposed to 10 mW/cm <sup>2</sup> @ 365 nm

Descriptive Properties	Value	Comments
Appearance	Clear	

## Contact Songhan Plastic Technology Co.,Ltd.

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