

## Resin Technology Group UV MX-2230 Quick Fixture, Activator Cured, One-Component, Acrylic Adhesive

Category : Polymer , Adhesive , Thermoset

### Material Notes:

UV MX 2230 is a one-component acrylate based polymer designed to be used as a quick-fixture, surface activated adhesive, (with optional UV or oven cure), for applications on a variety of substrates where two surfaces can be mated together. This easy to use formulation can be fixtured in seconds after exposure to UV MX 2230 Surface Activator. After gel, (usually in less than one to two minutes), the product can withstand mild handling and defixturing. A secondary heat cure or UV cure is optional to complete the polymerization process, yielding a product with good dimensional stability, excellent chemical resistance and outstanding bond strength. Applications: Ideal for those applications that require the on-line fixture speed of an activated acrylic and the versatility of a conventional; one-part cure. Processing: UV light cure: Intensity of 200 mw/cm<sup>2</sup>; Spectral output of 300 to 500 nanometers; Optimum wavelength of 375 nanometers Recommended Aurora UV light sources: Aurora 455-S 5x5 High Intensity Flood Aurora 461-S 1x6 High Intensity Beam Aurora 100-S Spot Light

Guideline information provided by Resin Technology Group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Resin-Technology-Group-UV-MX-2230-Quick-Fixture-Activator-Cured-One-Component-Acrylic-Adhesive.php](http://www.lookpolymers.com/polymer_Resin-Technology-Group-UV-MX-2230-Quick-Fixture-Activator-Cured-One-Component-Acrylic-Adhesive.php)

Physical Properties	Metric	English	Comments
Viscosity	1500 cP @Temperature 25.0 °C	1500 cP @Temperature 77.0 °F	Uncured

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	Cured
Elongation at Break	20 %	20 %	Cured
Shear Strength	8.69 MPa	1260 psi	Cured, tensile

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	Cured
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	Cured

Electrical Properties	Metric	English	Comments
Dielectric Strength	16.5 kV/mm	420 kV/in	Cured

Descriptive Properties	Value	Comments
Color	Clear to amber	
Peel Shear Strength	30 in/lbs	

Descriptive Properties	Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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