

Resin Technology Group UV-408 Low-Viscosity, High Clarity, UV Curable Adhesive

Category : Polymer , Adhesive , Thermoset

Material Notes:

UV 408 is a low viscosity, high clarity, UV curing adhesive with excellent adhesion to glass. The product is well suited for bonding close fitting parts and has excellent moisture resistance. Applications: Lens bonding, Glass assembly, Fiber optic bonding. Processing: UV light cure: Intensity of 200 mw/cm²; 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 Guide Information provided by Resin Technology Group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Resin-Technology-Group-UV-408-Low-Viscosity-High-Clarity-UV-Curable-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity	50 - 100 cP @Temperature 25.0 °C	50 - 100 cP @Temperature 77.0 °F	Uncured
Thickness	<= 6350 microns	<= 250 mil	Cured film

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	87	87	Cured
Tensile Strength at Break	46.9 MPa	6800 psi	Cured
Elongation at Break	10 %	10 %	Cured

Thermal Properties	Metric	English	Comments
CTE, linear	166 µm/m-°C @Temperature 20.0 °C	92.2 µin/in-°F @Temperature 68.0 °F	Cured
Flash Point	>= 93.3 °C	>= 200 °F	Uncured
Shrinkage	8.0 %	8.0 %	Upon cure

Optical Properties	Metric	English	Comments
Transmission, Visible	80 %	80 %	Mfr. Specifies clear but does not quantify

Descriptive Properties	Value	Comments
Color	Clear	
Composition	Urethane Oligomer/ (Meth) Acrylate	

Descriptive Properties	Value	Comments
Toxicity	Low	
Water Resistance	4 hours	Cured, 1/4" x 1/4", boiling water, substrate failure

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China