

## Resin Technology Group EN 239-2 Cationic UV Cure Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

### Material Notes:

EN 239-2 is an epoxy-based, medium viscosity, cationic- curable adhesive/sealant. This product is activated by exposure to medium intensity UV radiation resulting in a high strength, chemical resistant, low out-gassing polymer system capable of surviving exposure up to 200°C. 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 Guide Information provided by Resin Technology Group.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Resin-Technology-Group-EN-239-2-Cationic-UV-Cure-Epoxy-Adhesive.php](http://www.lookpolymers.com/polymer_Resin-Technology-Group-EN-239-2-Cationic-UV-Cure-Epoxy-Adhesive.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc	1.16 g/cc	Uncured
Viscosity	6800 cP	6800 cP	Uncured
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	85	85	
Elongation at Break	8.0 %	8.0 %	Cured
Shear Strength	41.4 MPa	6000 psi	Cured, tensile

Thermal Properties	Metric	English	Comments
CTE, linear	50.0 - 100 µm/m-°C	27.8 - 55.6 µin/in-°F	Cured
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Maximum Service Temperature, Air	160 °C	320 °F	Cured
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	Cured
Glass Transition Temp, Tg	130 °C	266 °F	Cured
Flash Point	>= 93.3 °C	>= 200 °F	Uncured

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

Descriptive Properties	Value	Comments
Color		

Descriptive Properties	Clear Value	Comments
Composition	Epoxy	
Moisture Resistance	Excellent	Cured
Toxicity	Low	

## Contact Songhan Plastic Technology Co.,Ltd.

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