

Resin Technology Group CT-988 Cationic UV Cure Epoxy Adhesive

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

Material Notes:

CT 988 is an epoxy-based, paste-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 150°C.Applications: Disk drive applications, wire tack, non-acrylic UV bonding.Processing: UV light cure: Intensity of 200 mw/cm2; Spectral output of 300 to 500 nanometers; Optimum wavelength of 375 nanometersRecommended Aurora UV light sources:Aurora 455-S 5x5 High Intensity FloodAurora 461-S 1x6 High Intensity BeamAurora 100-S Spot Light GuideInformation provided by Resin Technology Group.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Resin-Technology-Group-CT-988-Cationic-UV-Cure-Epoxy-Adhesive.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	Cured
Elongation at Break	4.0 %	4.0 %	Cured
Shear Strength	27.6 MPa	4000 psi	Cured, tensile

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	130 °C	266 °F	Cured
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	Cured
Flash Point	>= 93.3 °C	>= 200 °F	Uncured

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 15.7 kV/mm	>= 400 kV/in	Cured

Descriptive Properties	Value	Comments
Color	Translucent	
Composition	Epoxy	
Moisture Resistance	Excellent	Cured
Peel Shear Strength	2	
Toxicity	Low	
Viscosity	Light Paste	At 25°C

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