

Epoxies, Ect. 60-7156

Epoxy; Epoxide

Epoxies, Etc.

Message:

UV Cure 60-7156 is a one- component epoxy that cures with low intensity black light or high intensity UV lamps. UV 60-7156 is water clear and is designed to be used as an adhesive, coating, or encapsulant. This system is moisture and chemical resistant. Its low durometer (flexibility) provides less stress on sensitive electronic components.

UV Cure 60-7156 is a good choice for potting and encapsulating applications due to its ability to deep section cure up to ¾ inch. Another unique and important feature is its ability to "dark cure." Once exposed to UV light the UV Cure 60-7156 will continue to cure in the absence of light. This is advantageous when potting or joining substrates with shadow areas. UV Cure 60-7156 may also be heat cured as a secondary cure operation.

UV Cure 60-7156 is not affected by oxygen and will not have a sticky or greasy surface. The surface is flexible, smooth, and glossy when properly cured.

UV Cure 7156 bonds to metal, plastic, paper and ceramic.

- Features:
- One component
 - Contains no solvents
 - Low shrinkage
 - Will shadow cure
 - Cure is not inhibited by oxygen
 - Excellent adhesion
 - Good electrical insulation
 - No out gassing
 - Good weathering resistance
 - Low odor

General Information	
Features	Bondability
	Electrically Insulating
	Good Adhesion
	Good Chemical Resistance
	Good Flexibility
	Good Weather Resistance
	High Clarity
	Low Shrinkage
	Low to No Odor
	Low to No Water Absorption
	Medium Gloss
Uses	Adhesives
	Bonding
	Electrical Parts
	Electrical/Electronic Applications
Appearance	Clear/Transparent
Processing Method	Encapsulating
	Potting

Additional Information	Nominal Value	Unit
Operating Temperature	-50.0 to 200	°C
Uncured Properties	Nominal Value	Unit
Color	Clear/Transparent	
Solids Content	100	%
Density (25°C)	1.09	g/cm ³
Viscosity (25°C)	0.60	Pa·s
Shelf Life (40°C)	> 1	month
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore A)	95	
Tensile Strength	42.7	MPa
Electric Strength	17	kV/mm

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

