



TECHNICAL DATA SHEET

EA6033 Data Sheet

Electronic Materials

UV Curable Adhesive

Material Description

EA6033 is a fast UV cure adhesive. This product is suitable for bonding a wide variety of substrates including glass, many plastics and most metals. This product has shown excellent adhesion and flexible. It's can be used for BGA reinforcement.

Features & Benefits

One component, requires no mixing.

Fast curing.

Good adhesion to glass, many plastics and many metals.

Good flexible.

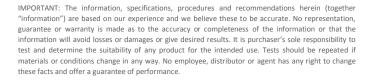
Typical Uncured Properties		
Property	Value	
Appearance	Semi-translucent paste	
Component:	Ployurethane Acrylate	
Viscosity (25°C,CP52,10rpm),cps	10000	
TI	4.1	
Density (g/cm³)	1.05	

Typical Curing Properties 100mW/cm ² @365nm		
Property	Value	
Tacky free time (s)	<6	
Depth of cure MM@24s	8	

Typical Cured Properties		
(100mW/cm ² @365nm for 24s)		
Physical Property	Value	
Hardness, Shore D	65	
Tensile strength, at break, Mpa	14	
Elongation at break, %	255	
Lap shear strength, PC/PC, Mpa	12	
Lap shear strength,PC/Fr4 Mpa	6	
Surface Resistivity,	8*10 ¹⁴	
Volume Resistivity,	8*10 ¹⁴	
Dielectric Breakdown Strength,	22	
Dielectric Constant / Dissipation Factor(1MHZ)	4.2/0.03	

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Instruction for Use

- Coating surface area should be clean and free of any fluxes, residues, dust or any other contaminants.
- 2. A UV lamp with a wavelength of 365nm is required. The UV light should be focused towards the coated surface.
- Curing speed is determined by the intensity of UV radiation, the distance from the UV light source and the coating surface. The depth of coating material can also require additional cure time.
- Immediately close the lid after use. A black hose must be used to dispense the adhesive.
- 5. This material should be stored away from sunlight, UV light and artificial light sources.

Storage

Product should be stored at temperature between 8°C to 28°C in the unopened container in a dry location.

Shelf Life: 12 months

Health & Safety Precautions

Keep away from children's store.
This product is recommended to be used within a well-ventilated place.
If you accidentally touches the skin, immediately wash with soap and water.
If you accidentally touches the eyes, please rinse with plenty of water, and then seek medical attention.

For details, please refer to the product MSDS.

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