

## ELITE T3402-Adhesive for Glasses

### PRODUCT DESCRIPTION

ELITE T3402 is single compound UV visible light cure acrylic adhesive. T3402 design for glasswork technique. Cured resin is provide high strength, high transmittance, strong seismic resistance, good weather resistance.

### PRODUCT FEATURE

- High strength in glass and plastic(PC,PET,PMMA), Not suitable for the edge-on bonding in glass with glass.
- High strength in glass and glass plane bonding
- Good weather resistance, non-yellowing
- Low viscosity, good flat flowing performance, Especially suitable for bonding large plane.
- Low Odor

### PHYSICAL PROPERTIES

Appearance: Clear liquid  
 Viscosity: 200-300mPa.s  
 (rotating,viscometer@25°C)  
 Solid content 100%

### CURE CONDITION

Data test cured under 120mw/cm<sup>2</sup> at pressure mercury lamp:

Completely curing energy: 3000mj/cm<sup>2</sup>

Transmittance (400-800nm,25°C)	98%	
Refractive Index(Abbe,25°C)	1.50	
Contraction Rate	2.5%	
Modulus of Elasticity	-50°C	2.8X10 <sup>7</sup> Pa
	25°C	4.5X10 <sup>7</sup> Pa

### PHYSICAL PERFORMANCE

Data test cured under 2000mw/cm<sup>2</sup> at pressure mercury lamp:

Hardness (Shore A, 25°C) 35

### Electrical Performance:

Volume resistance(Ω·cm) 8X10<sup>12</sup>

### BONDING PERFORMANCE

Data test cured under 3000mw/cm<sup>2</sup> at pressure mercury lamp:

Bonding Material	Bonding Strength (N,d3mm,0.3mm)
Glass/Glass	8
Glass/PET	7

### ENVIRONMENTAL TEST

Data test cured under 3000mj at pressure mercury:

Material (Glass/Glass)	Test Condition	Bonding strength Retention rate%
Thermal Shock	-40-85 (°C, 0.5h) 48cyc	98
High Wet Heat	60°C, 95%RH (240h)	98
Artificial Sweat	24h, 40°C, 45-65%RH	98

### STORAGE

Should be stored in dry cool and dark area. Please cover cap the bottle, the glue cannot poured back to the original packaging bottle. The best storage condition is 8-25°C. Improper storage may result in slow curing and possible thicken of adhesive.

### NOTES

The data herein are furnished for information only and are believed and reliable. We cannot assume liability or responsibility for results obtained in the use of its products by persons whose methods are outside or beyond our control. It is the users responsibility to determine the suitability of any of the products and methods of use or preparation prior to use mentioned in out literature and furthermore the users responsibility to observe and adopt such precautions as may be advisable for the protection of personnel and property in the handling and use of any of our products. If you have any question in the course of use, please contact Elite Adhesive Tech. Dpt.(020-34788001)