



UV-403

UV-curing Adhesive for Glass and Plastics Bonding

Features

- Single component, easy to handle, designed for bonding glass to plastics.
- Fast curing under the ultraviolet. Also low-yellowing.
- Great adhesion and toughness after cured. Resistant to vibration, thermal shock, weathering and aging. Also Eco-friendly.

Physical Properties

Appearance	:	Light yellow liquid
Viscosity	:	@25°C, S21 100rpm 110 ~ 290 cps
Specific Gravity	:	@25°C 1.05 ~ 1.07
Hardness	:	Shore D 65 ~ 69
Temperature Range	:	-20 ~ 80°C
Recommended Wavelength	:	310 ~ 365 nm
Minimum Light Intensity	:	>50 mW/cm ²
Minimum Light Energy	:	1,000 ~ 2,000 mJ/cm ²
Refractive Index	:	n _D 1.461
Shelf Life	:	@25°C 1 year

Handling & Storage

- For high strength bonding, clean the contact surface to remove dust, grease and all other contaminants before applying the adhesive.
- Curing time varies depending on object sizes and types, glue line thicknesses and the wave-length and output wattage/light intensity of the UV lamp used. User needs to evaluate the time needed based on the actual operation.
- UV-403 should be stored in the shade and a cool place. Avoid the contact with any light (including ultraviolet ray). Put the lid back on immediately after each use to prevent any possibility of light exposure, which will affect the product performances.

