



Epoxy, Urethane & Silicone Formulations

UV Cure 60-7108 Non-Yellowing Adhesive and Potting Compound

DESCRIPTION:

UV Cure 60-7108 is a low viscosity and optically clear UV curable system. It is designed for fiber optic and other clear adhesive or potting applications. UV Cure 60-7108 is a good choice for electronic assemblies due to its electrical insulation properties and moisture resistance. Its low viscosity makes it suitable for coating applications.

FEATURES:

- *Water clear
- *Non-yellowing
- *Excellent exterior durability
- *Low viscosity

TYPICAL SPECIFICATIONS:

Color	Clear
Viscosity, 25°C, cps	800
Tensile strength, psi	3,300
Elongation, %	90
Hardness, Shore D	80
Operating temperature range, °C	-50 to +155
Dielectric Strength, v/mil	450
Dielectric Constant, @ 60 Hz	4.5
Volume Resistivity, 25°C, OHM-CM	5×10^{16}

ADHESION:

Cold rolled steel	SR
Stainless steel	SR
Aluminum	SR
Copper	HR
Glass	SR
PVC	SR
Nylon	SR
HDPE	NR
LDPE	HR
Polycarbonate	SR
Polypropylene	SR

*over

1-800-EPOXIES (376-9437) • 401-946-5564 • Fax: 401-946-5526

21 Starline Way • Cranston, RI 02921 USA
www.epoxies.com • service@epoxies.com



SR = Strongly recommended
R = Recommended

HR = Highly recommended
NR = Not recommended

CURE SCHEDULE:

UV Cure-100 Spot Cure, seconds	12
UV Cure Conveyor, seconds	10

Cure speed is dependent upon the UV light source, thickness of material, distance from the light, and UV transmission of substrates through which the UV light must pass to reach the adhesive.

STORAGE AND HANDLING:

All UV curable resins should be stored in a dark cool area. Store at temperatures below 30°C (86°F). Expected shelf life is one year when stored below 30°C (86°F) in the original, unopened container. Refrigerated storage extends shelf life.

CAUTION:

Read Material Safety Data Sheet (MSDS) before using this or any other chemical.

IMPORTANT:

The information in this brochure is based on data obtained by our research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose.

05/08

1-800-EPOXIES (376-9437) • 401-946-5564 • Fax: 401-946-5526

21 Starline Way • Cranston, RI 02921 USA
www.epoxies.com • service@epoxies.com