

60-7108RCL

Non-Yellowing Adhesive UV Compound

DESCRIPTION:

60-7108RCL is a low viscosity and optically clear UV curable system. It is designed for fiber optic and other clear adhesive or potting applications. 60-7108RCL 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
- Excellent exterior durability
- Non-yellowing
- Low viscosity

TYPICAL PROPERTIES:

Viscosity, 25 °C, cps	800
Color	Clear
Hardness, Shore D	80
Operating Temperature Range, °C	-50 to +155
Tensile Strength, psi	3,300
Elongation, %	90
Dielectric Strength, V/mil	450
Dielectric Constant, 60 Hz	4.5
Volume Resistivity, ohm-cm, 25 °C	5×10^{16}
Refractive Index, Liquid	1.494 at 589 nm
Spectral Transmission, Cured	> 95% at 420-780 nm

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



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, HANDLING, & SAFETY:

Store out of sunlight in original container. Expected shelf life is 1 year at 25 °C. Refrigerated storage extends shelf life. Avoid exposing material to moisture.

Please read the Safety Data Sheet before using this or any other chemical.

AVAILABILITY:

This product is available in 10 cc, 30 cc and 55 cc black syringes and in pints, quarts, and gallon can.

IMPORTANT:

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