

60-7111RCL

Electronic Grade UV Adhesive & Encapsulant

DESCRIPTION:

60-7111RCL is a non-yellowing UV Curable urethane system. It is designed to provide low stress on electronic components and outstanding adhesion to a variety of substances. 60-7111RCL also has high impact strength and flexibility. This material is a good choice when water and weather resistance is important.

Related Products: 60-7112RCL is a higher viscosity version (7,000 cps) of the 60-7111RCL.

FEATURES:

- Weather Resistant
- Excellent Adhesion
- High Impact Strength
- High Flexibility

TYPICAL SPECIFICATIONS:

Color	Clear
Viscosity, 25°C, cps	3,500
Elongation, %	230
Hardness, Shore A/D	80A/30D
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 x 10 ¹⁶

ADHESION:

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

SR = Strongly recommended
R = Recommended

HR = Highly recommended
NR = Not recommended



CURE SCHEDULE:

UV Cure 100 Spot Cure	Less than 10 seconds
UV Cure Conveyor	Less than 10 seconds

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

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 container. Refrigerated storage extends shelf life.

Read Safety Data Sheet before using this or any other chemical.

AVAILABILITY:

This product is available in 10cc syringes, pints, gallons, and 5-gallon pails.

IMPORTANT:

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10/2024