

# VIVID CURE™ 71131

## UV CURE ADHESIVE FOR POLYCARBONATE

### TECHNICAL DATA

**MAY 2016**

#### Product Description

Clear adhesive with low viscosity and rigid durometer. Good adhesion to polycarbonate.

#### APPLICATIONS

- Needle Bonding
- Polycarbonate
- Laminations

#### FEATURES

- RoHS & REACH Compliant
- Clear
- Hard

#### SUBSTRATES

- Plastics
- Metals
- Polycarbonate

#### PACKAGING

- Syringes
- Bulk

### TYPICAL PROPERTIES OF UNCURED MATERIAL

Property	Value
Chemical Class	UV Acrylate
Appearance	Clear
Viscosity, 10 RPM @ 25°C, cps	150 to 190
Viscosity, 100 RPM @ 25°C, cps	170 to 200
Specific Gravity	1.05

### TYPICAL PROPERTIES OF CURED MATERIAL

Property	Value
Glass Transition Temperature (T <sub>g</sub> ), °C	-50
Lap Shear Strength, PC/PC, PSI	-
Hardness, Shore	D67
Ultimate Tensile Strength, PSI	4,998
Elongation at Break, %	38
Operating Temperature Range, °C	-50 to 120
Volume Resistivity, Ω-cm	1 x 10 <sup>15</sup>

**\*All properties given are typical values and are not intended for use in preparing specifications.**

### CURE OVERVIEW

Cure Options	UV cure @ 200 mW/cm <sup>2</sup> minimum. 365, 405 nm recommended.
Clean-Up Solvent	Isopropyl Alcohol

### SHELF LIFE, STORAGE

18 ± 10°C      1 Year DOM

MATERIAL IS LIGHT SENSITIVE. CONSULT SDS FOR SAFE HANDLING RECOMMENDATIONS.

### THIS MATERIAL IS SOLD FOR INDUSTRIAL USE ONLY

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