

VIVID CURE™ 71201

UV CURE ADHESIVE FOR POLYCARBONATE

TECHNICAL DATA

APRIL 2016

Product Description

Clear adhesive with low viscosity and rigid durometer. Low Shrinkage. Good adhesion to polycarbonate, metals and ceramics

APPLICATIONS

- Needle Bonding
- Polycarbonate
- Doming

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	2,000 to 6,000
Viscosity, 100 RPM @ 25°C, cps	2,000 to 4,500
Specific Gravity	1.05

TYPICAL PROPERTIES OF CURED MATERIAL

Property	Value
Glass Transition Temperature (Tg), °C	-50
Lap Shear Strength, Al/Al, PSI	-
Hardness, Shore	D67
Ultimate Tensile Strength, PSI	-
Elongation at Break, %	-
Operating Temperature Range, °C	-50 to 120
Volume Resistivity, Ω-cm	1×10^{15}

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

CURE OVERVIEW

Cure Options	UV cure @ 200 mW/cm ² 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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