

VIVID CURE™ 86211
GENERAL PURPOSE EPOXY WITH FAST GEL UNDER UV LIGHT
TECHNICAL DATA
APRIL 2016
Product Description

General purpose adhesive developed for adhesive and coating applications in accordance with Title 21. U.S. Code of Federal Regulations, Food and Drug Administration (FDA) Chapter 1, Sub Part B, Sections 175, 105 and 175,300. Flowable, UV gellable, capable of withstanding high temperatures.

APPLICATIONS

- Plastic Bonding
- Encapsulant
- Potting

FEATURES

- RoHS & REACH Compliant
- Fast Gel With UV

SUBSTRATES

- Metals
- Rubber
- Plastic

PACKAGING

- Dual Cartridges
- Bulk

TYPICAL PROPERTIES OF UNCURED MATERIAL

Property	Value, Part A	Value, Part B
Chemical Class	Epoxy	Amine
Appearance	Clear	Amber
Viscosity, 10 RPM @ 25°C, cps	1,200 to 2,000	11,000 to 16,000
Viscosity, 100 RPM @ 25°C, cps	1,200 to 2,000	11,000 to 16,000
Specific Gravity	1.15	0.97
Mix Ratio by Volume	1	1

TYPICAL PROPERTIES OF CURED MATERIAL

Property	Value
Glass Transition Temperature (T _g), °C	55
Lap Shear Strength, Al/Al, PSI	2,000
Hardness, Shore	D60
Ultimate Tensile Strength, PSI	2,800
Elongation at Break, %	25
Operating Temperature Range, °C	-10 to 150
Volume Resistivity, Ω-cm	1 x 10 ¹⁵

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

CURE OVERVIEW

Gel Time (15cc mass), Min	20
Cure Options: Hr @ 25°C	24
Cure Options: Hr @ 65°C	2
Cure Options: Min @ 100°C	30
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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