

ENTEX™ 84251

GENERAL PURPOSE EPOXY ADHESIVE AND ENCAPSULANT

TECHNICAL DATA
APRIL 2016
Product Description

This is a flowable, high temperature resistant, rigid, clear, high humidity and shock resistant product. Also, exhibits low Shrinkage in Electronic Packages.

APPLICATIONS

- Automotive
- LED Lighting
- LCD
- Electronics

FEATURES

- RoHS & REACH Compliant
- High Temperature Resistant
- Humidity Resistant
- Clear

SUBSTRATES

- Metal
- Rubber
- Plastic

PACKAGING

- Dual Cartridges
- Bulk

TYPICAL PROPERTIES OF UNCURED MATERIAL

Property	Value, Part A	Value, Part B
Chemical Class	Epoxy	Amine
Appearance	Clear	Clear
Viscosity, 10 RPM @ 25°C, cps	15,200	2,080
Viscosity, 100 RPM @ 25°C, cps	15,840	2,024
Specific Gravity	1.17	1.10
Mix Ratio By Volume	2	1

TYPICAL PROPERTIES OF CURED MATERIAL

Property	Value
Glass Transition Temperature (T _g), °C	80
Lap Shear Strength, Al/Al, PSI	3,000
Hardness, Shore	D80
Ultimate Tensile Strength, PSI	5,000
Elongation at Break, %	8
Operating Temperature, °C	-40 to 155
Volume Resistivity, Ω-cm	1 x 10 ¹¹

***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: Hr @ 100°C	1
Clean-Up Solvent	Isopropyl Alcohol

SHELF LIFE, STORAGE

18 ± 10°C 1 Year DOM

CONSULT SDS FOR SAFE HANDLING RECOMMENDATIONS.

THIS MATERIAL IS SOLD FOR INDUSTRIAL USE ONLY

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