

EPOXY 060810-NVS

ADHESIVE SYSTEM

TECHNICAL DATA

Product Description

Epoxy 060810-NVS is a non sag epoxy resin system designed for industrial adhesive, small potting and laminating applications. This two part adhesive is easily mixed and develops tough, strong bonds to a wide variety of plastics, metals, and glass ceramics. Epoxy 060810-NVS is a very effective electrical insulator which also provides very good resistance to water, petroleum solvents, mild acids, and alkalis. This material is available in a convenient one to one ratio.

APPLICATIONS	FEATURES	RECOMMENDED SUBSTRATES	BIOCOMPATIBILITY
<ul style="list-style-type: none"> Industrial adhesion Laminating Potting 	<ul style="list-style-type: none"> Convenient two part system Heat cure Moisture and chemically resistant Mild acid and alkali resistant 		

UNCURED PROPERTIES*		
Property	Value	Test Method
Solvent Content	No Nonreactive Solvents	N/A
Chemical Class, PT A:B	Epoxy : Amine	N/A
Color, PT A:B	Clear : Amber	N/A
Mixed Viscosity @ 25°C	Non-Sag Paste	ASTM D1084
Specific Gravity, PT A:B	1-1.1	N/A

CURED MECHANICAL PROPERTIES*		
Property	Value	Test Method
Durometer Hardness, Shore D	46	ASTM D2240
Moisture Resistance	Excellent	N/A
Operating Temperature Range, °C	-75 to 145	N/A
Elongation, %	10	ASTM D638
Tensile Strength, psi	6,800	ASTM D638
Tensile Lap Shear, Al/Al, psi	3,400	ISO 4587

CURE OVERVIEW*		
Property	Value	Test Method
Mix Ratio by Volume, PT A:B	1:1	N/A
Pot Life @ room temperature, min	360	N/A
Cure Time @ room temperature, hr	48	N/A
Cure Time @ 65°C, hr	2	N/A

Storage:

Store material in cool, dry location at a temperature between 10°C to 28°C. Keep from freezing. Refer to packaging specific quote for shelf life information. Consult MSDS for safe handling recommendations.

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Resin Designs, LLC 11 State Street Woburn, MA 01801 www.resindesigns.com P 781-935-3133 F 781-935-3144

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