

NEXUS™ 86211
GENERAL PURPOSE EPOXY WITH FAST GEL UNDER UV LIGHT
TECHNICAL DATA
July 2014
Product Description

General purpose adhesive that is FDA Approved. Flowable, UV gellable, capable of withstanding high temperatures.

APPLICATIONS	FEATURES	SUBSTRATES	PACKAGING
<ul style="list-style-type: none"> • Plastic Bonding • Encapsulant • Potting 	<ul style="list-style-type: none"> • RoHS Compliant • FDA Food Processing Approved and shock applications • Fast Gel With UV 	<ul style="list-style-type: none"> • Metals • Rubber • Plastic 	<ul style="list-style-type: none"> • Dual Cartridges

TYPICAL PROPERTIES OF UNCURED MATERIAL		
Property	Value, Part A	Value, Part B
Chemical Class	Epoxy	Amine
Appearance	Clear	Amber
Viscosity, 10 RPM, cps	1,320	14,400
Viscosity, 100 RPM, cps	1,300	13,760
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	
Young's Modulus (20°C), PSI	-	
Volume Resistivity, Ω-cm	-	

*All properties indicate typical values which are not meant to be used for preparing specifications.

PROCESSING	
Work Life	20 Minutes
Cure Options	UV Gel; 24 hours @ RT, 1.5 hours @ 65°C, 0.75 hours @ 100°C
Clean-Up Solvent	Isopropyl Alcohol

SHELF LIFE, STORAGE
18 ± 10°C 1 Year DOM
THIS MATERIAL IS SOLD FOR INDUSTRIAL USE ONLY

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