

NEXUS E260

Technical Data Sheet

Nexus E260 is a two part epoxy system designed to be used as a room temperature curing adhesive. This product provides excellent moisture resistance and is ideal for used in high humidity environments. Once bonded with the Nexus E260, an electronic package and/or bonded surface will exhibit a higher resistance to both physical shock as well as exposure to water and other potentially harmful chemicals.

APPLICATIONS	FEATURES	SUBSTRATES
<ul style="list-style-type: none"> • ELECTRICAL ENCAPSULATION • BONDING 	<ul style="list-style-type: none"> • HIGH IMPACT STRENGTH • LOW SHRINKAGE • ROOM TEMP CURE 	<ul style="list-style-type: none"> • METALS • PLASTICS

Typical Properties of Uncured Material*

Chemical Class	Epoxy/Amine
Color, Parts A:B	Clear : Amber
Viscosity, Part A @25°C, Spn7 @20RPM, cps	100,000 – 150,000
Viscosity, Part B @25°C, Spn6 @20RPM, cps	9,000 – 15,000
Specific Gravity Part A	1.16
Specific Gravity Part B	1.11
Mix Ratio, PBV (A:B)	2:1
Cleanup Solvent	Isopropyl alcohol

Cure Guidelines*

Work Life @ RT, minutes	60
Gel Time @ RT, minutes	60
Cure Time, 100 grams @ RT, hours	24-48

Typical Properties of Cured Material*

Durometer, Shore D	80
Operating Temperature Range, °C	-60 to 150

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

Storage

Keep stored between 8°C and 28°C in tightly closed containers away from direct sunlight. Keep from freezing. Please refer to product labeling for shelf-life information. Consult SDS for safe handling recommendations.

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