

NEXUS E200

Technical Data Sheet

Nexus E200 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 E200, 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 	<ul style="list-style-type: none"> CHEMICAL RESISTANCE 	<ul style="list-style-type: none"> METALS
<ul style="list-style-type: none"> BONDING 	<ul style="list-style-type: none"> LOW SHRINKAGE 	<ul style="list-style-type: none"> PLASTICS
<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> ROOM TEMP CURE 	<ul style="list-style-type: none"> GLASS

Typical Properties of Uncured Material*

Chemical Class	Epoxy/Amine
Color, Parts A:B	Off White : Amber
Viscosity, Part A @25°C, Spn7 @20RPM, cps	115,000 – 150,000
Viscosity, Part B @25°C, Spn6 @20RPM, cps	11,000 – 15,000
Specific Gravity Part A	1.16
Specific Gravity Part B	1.13
Mix Ratio, PBV (A:B)	2:1
Cleanup Solvent	Isopropyl alcohol

Cure Guidelines*

Work Life @ RT, minutes	30
Gel Time @ RT, minutes	22
Cure Time, 100 grams @ RT, hours	24

Typical Properties of Cured Material*

Durometer, Shore D	80
Operating Temperature Range, °C	-60 to 125

***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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