

# Epoxies, Ect. 10-3020 NS

Epoxy; Epoxide

Epoxies, Etc.

## Message:

### 20 MINUTE SET NON-SAG EPOXY

These high bond strength adhesives are clear 100% solids, two component, non-sag adhesives with a quick setting time of 5-46 minutes at room temperature. They are excellent for bonding plated metals, pewter, glass, wood, ceramic, felt, cement, gem stones, most plastics and rubbers, etc... These adhesives were tested in our laboratory for flame retardancy properties. According to our test results they meet the requirements of UL94HB.

### Applications:

These unique adhesives are ideally suited for a wide range of electronic, electrical, industrial, structural, and jewelry applications. These adhesives are also an excellent choice for field repairs. They are offered in the popular TriggerBond® dual barrel cartridge dispensing system and bulk packaging.

### Features:

- Non-sag consistency
- High bond strength
- Fast room temperature cure - three speeds to choose from
- Water & chemical resistance
- Outstanding thermal shock resistance
- 1:1 mix ratio
- Impact resistance

General Information		
Features	Bondability	
	Fast Cure	
	Good Adhesion	
	Good Chemical Resistance	
	Good Impact Resistance	
	Good Thermal Shock Resistance	
	High Clarity	
	Low to No Water Absorption	
	Thixotropic	
Uses	Adhesives	
	Bonding	
	Electrical Parts	
	Electrical/Electronic Applications	
	Industrial Applications	
	Jewelry	
Appearance	Clear/Transparent	
Impact	Nominal Value	Unit
Notched Izod Impact	140	J/m
Thermal	Nominal Value	Unit
CLTE - Flow	6.0E-5	cm/cm/°C
Additional Information	Nominal Value	Unit
Handle Time (25°C)	30.0 to 35.0	min

Operating Temperature	-50.0 to 130	°C
Uncured Properties	Nominal Value	Unit
Color	Clear/Transparent	
Mix Ratio by Weight (PBW)		
Part A	1.0	
Part B	1.0	
Mix Ratio by Volume (PBV)		
Part A	1.0	
Part B	1.0	
Solids Content	100	%
Density (25°C)	1.15	g/cm <sup>3</sup>
Curing Time (25°C)	24 to 48	hr
Pot Life (25°C)	1000 to 1500	min
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	72	
Compression Strength	58.6	MPa
Electric Strength	17	kV/mm
Relative Permittivity (1 kHz, 25°C)	4.00	
Volume Resistivity (25°C)	2.0E+14	ohms·cm
Dissipation Factor (1 kHz)	0.017	

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#### Recommended distributors for this material

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