

Epoxies, Ect. 10-3216 TR

Epoxy; Epoxide

Epoxies, Etc.

Message:

10-3216 is a toughened, flexible, and impact resistant epoxy adhesive. 10-3216 is a two component system that forms strong structural bonds at room temperature. This unique adhesive system provides high peel and shear strengths. 10-3216 is excellent for bonding many metals and woods, most plastics and rubbers and masonry products. This system is designed for electronic, aerospace and other demanding industrial applications.

This product is available in the popular TriggerBond® dual barrel cartridge system.

10-3216 is also available in a translucent unfilled version: 10-3216 TR.

Features:

- Impact resistant
- Excellent electrical insulator
- High peel and shear
- Outstanding structural bonds
- Convenient 1:1 Ratio
- Retention of strength after environmental aging

General Information	
Features	Bondability
	Electrically Insulating
	Good Adhesion
	Good Flexibility
	Good Impact Resistance
	Good Toughness
Uses	Adhesives
	Aerospace Applications
	Bonding
	Electrical Parts
	Electrical/Electronic Applications
	Industrial Applications

Thermal	Nominal Value	Unit
CLTE - Flow	8.0E-5	cm/cm/°C
Thermal Conductivity	0.43	W/m/K
Thermoset	Nominal Value	Unit
Thermoset Mix Viscosity (25°C)	27000	cP
Uncured Properties	Nominal Value	Unit
Mix Ratio by Volume (PBV)		
Part A	1.0	
Part B	1.0	
Density		
25°C ¹	0.958	g/cm³
25°C ²	1.15	g/cm³

Curing Time		
93°C	0.50	hr
82°C	1.0	hr
66°C	2.0	hr
25°C	24 to 48	hr
Gel Time ³ (25°C)	60	min
Shelf Life	12	month
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	65	
Tensile Strength	17.9	MPa
Electric Strength	25	kV/mm
Relative Permittivity (60 Hz)	4.10	
Volume Resistivity	4.0E+14	ohms·cm
Dissipation Factor (60 Hz)	0.020	
NOTE		
1.	Part B	
2.	Part A	
3.	100 grams	

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