

Epoxies, Ect. 10-3216 Gray

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	
Appearance	Grey	
Thermal	Nominal Value	Unit
CLTE - Flow	1.0E-4	cm/cm/°C
Thermal Conductivity	0.58	W/m/K
Thermoset	Nominal Value	Unit
Thermoset Mix Viscosity (25°C)	15000	cP
Uncured Properties	Nominal Value	Unit
Mix Ratio by Volume (PBV)		
Part A	1.0	
Part B	1.0	
Density		
25°C ¹	1.20	g/cm³

25°C ²	1.32	g/cm ³
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)	80	min
Shelf Life	12	month
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	70	
Tensile Strength	17.9	MPa
Electric Strength	16	kV/mm
Relative Permittivity (60 Hz)	4.40	
Volume Resistivity	1.1E+15	ohms·cm
Dissipation Factor (60 Hz)	0.020	
NOTE		
1.	Part B	
2.	Part A	
3.	100 grams	

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