

Epoxies, Ect. 10-3062

Epoxy; Epoxide

Epoxies, Etc.

Message:

10-3062 is a room temperature curing, two component, epoxy potting compound and adhesive. The 10-3062 provides good water resistance, adhesion, and toughness. It is packaged in the convenient TriggerBond® dual barrel cartridge system.

The 10-3062 Epoxy System meets the Food and Drug Administration (FDA) regulations permitting use in "indirect" food contact applications. The raw materials used in the products comply with the FDA regulations of Title 21 Code of Federal Regulations under Sections 175.105 and 175.300.

- Benefits:
- Excellent adhesion
 - Excellent chemical and corrosion resistance
 - Excellent electrical insulation

General Information		
Features	Electrically Insulating	
	Food Contact Acceptable	
	Good Adhesion	
	Good Chemical Resistance	
	Good Corrosion Resistance	
	Good Toughness	
	Low to No Water Absorption	
Uses	Adhesives	
	Food Service Applications	
	Non-specific Food Applications	
Agency Ratings	FDA 21 CFR 175.105	
	FDA 21 CFR 175.300	
Appearance	Clear Amber	
Processing Method	Potting	
Mechanical	Nominal Value	Unit
Flexural Modulus	2.14	MPa
Flexural Strength	95.1	MPa
Films	Nominal Value	Unit
Peel Strength ¹	1050	
Thermoset	Nominal Value	Unit
Thermoset Mix Viscosity (25°C)	24000	cP
Uncured Properties	Nominal Value	Unit
Color		
-- ²	Amber	
-- ³	Clear/Transparent	

Mix Ratio by Volume (PBV)		
Part A	100	
Part B	50	
Density (25°C)	1.09	g/cm ³
Curing Time		
104°C	0.25	hr
66°C	1.0	hr
25°C	24	hr
Pot Life ⁴ (25°C)	80	min
Shelf Life (10°C)	12	month
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	82	
Tensile Strength	57.2	MPa
Tensile Elongation at Break	4.9	%
Compression Strength	228	MPa
Relative Permittivity (120 Hz)	2.70	
Volume Resistivity	1.7E+15	ohms·cm
Dissipation Factor (120 Hz)	3.0E-3	
NOTE		
1.	Steel	
2.	Part B	
3.	Part A	
4.	100 grams	

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