

10-3022

EPOXY SMT STENCIL ASSEMBLY ADHESIVE

DESCRIPTION:

10-3022 is a two-component epoxy adhesive and sealant. This structural adhesive has excellent chemical and heat resistance. 10-3022 is widely used as a stencil and screen adhesive due to its bonding strength and toughness. It has been used extensively to bond polyester mesh to aluminum frames and for the bonding of stainless-steel foil to polyester mesh.

FEATURES:

- Bonds to a variety of substrates
- Resistant to severe chemical environments
- High operating temperature
- Fast Curing
- Resistant to shock, vibration and flexing

TYPICAL SPECIFICATIONS:

Viscosity, 25°C, cps	
Resin	210,000
Hardener	65,000
Mix Ratio	
By weight	100:40
By volume	100:50
Color	White, Gray or Green
Hardness, Shore D	88
Operating Temperature Range, °C	-60 to +140
Specific Gravity, 25°C	
Resin	1.73
Catalyst	1.33
Tensile Strength, psi	
	2,000
Dielectric Strength, V/mil	
	450
Dielectric Constant, 1 MHz	3.8
Dissipation Factor, 1 MHz	.06

INSTRUCTIONS FOR USE:

1. By volume, mix two parts epoxy resin to one part hardener. By weight, mix 100 parts epoxy resin to 40 parts hardener.
2. Mix thoroughly being careful not to introduce excessive air into the mixture.
3. Apply adhesive/sealant and cure according to one of the following schedules:

a) 25°C	24 hours
b) 65°C	1 hour
c) Hot Plate 60°-65°C	30 minutes

AVAILABILITY:

10-3022 is available in white, gray and green. It is available in TriggerBond ® 50ml, 200ml or 400ml 2:1 cartridges. Gallon and 5 Gallon packaging is also available.

STORAGE, SAFETY & HANDLING:

Store at room temperature. Expected shelf life is 12 months in original unopened containers. Please read the Safety Data Sheet before using this or any other chemical.

IMPORTANT:

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