

10-3008

FLEXIBLE STRUCTURAL EPOXY ADHESIVE

DESCRIPTION:

10-3008 is a filled, high performance structural epoxy adhesive. 10-3008 is a flexible adhesive with outstanding lap shear and peel strength. It is a great choice for bonding substrates of differing coefficients of thermal expansion. 10-3008 is also an excellent adhesive for applications requiring impact and vibration resistance.

10-3008 has a convenient 1:1 by volume mix ratio and therefore is ideal for Dual Barrel Cartridge packaging. 10-3008 is stocked in 50ML and 200ML Dual Cartridge sizes.

10-3008 contains non-abrasive fillers and therefore is well suited for meter mix and dispense equipment.

FEATURES:

- 1:1 Non-critical mix ratio
- High lap shear strength
- Thermal shock resistance
- Excellent chemical resistance

TYPICAL SPECIFICATIONS:

Color, Resin	Grey
Catalyst	Beige
Viscosity, 25°C, cps Resin	650,000
Catalyst	77,867
Mixed	96,000
Mix ratio,	
by volume (Resin:Catalyst)	1:1
by weight (Resin:Catalyst)	1:1.3
Specific gravity, 25°C	
Resin	1.69
Catalyst	1.23
Pot life, 100 gram mass, 25°C	60 Minutes
Hardness, shore D	55-65
Lap shear strength (AL/AL), psi	
7 days room temp. cure	2,900
18 hours + 2 hours @ 212°F	3,000
1 hour @ 180°F	3,000
2 hours @ 150°F	3,200
30 minutes @ 250°F	2,700



T-Peel strength, piw	
7 days room temp. cure	25
18 hours + 2 hours @ 212°F	25
1 hour @ 180°F	23
2 hours @ 150°F	26
30 minutes @ 250°F	23

INSTRUCTIONS FOR USE:

- 1) Stir Resin and Catalyst separately in their original containers.
- 2) By volume, thoroughly mix equal parts Resin and Catalyst. Be sure to scrape the sides and bottom of the mixing container.
- 3) Apply adhesive and follow one of the following cure schedules:

Room Temperature	18-24 Hours
150°F	2 Hours
180°F	1 Hour
250°F	30 Minutes

STORAGE, HANDLING AND AVAILABILITY:

Store in a cool, dry place in original containers. Keep containers closed and stir well before using.

Expected shelf life is 1 year in original unopened container.

10-3008 is available in 50ML and 200ML Dual Barrel Cartridges, Quarts, Gallons, 5 Gallon Pails, and 55 Gallon Drums.

IMPORTANT:

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