



MICOROX® BUSHING LOCK

PRODUCT DESCRIPTION:

Formula LC-29 is a 100% solids epoxy material that functions as a replacement for molten metals when locking bushings into place. It can also function as an adhesive at temperatures of up to 160 degrees F.

Formula LC-29 is filled with aluminum powder and is packaged as a two-part system for safety. It exceeds the specifications of the major competing products both in physical properties and in ease of application. The low pouring viscosity at 77 degrees F. of 6000 cps. Provides a new degree of simplicity to the bushing pour.

FEATURES:

- Easy to use two-part system. Convenient 7 to 1 mix by weight.
- Unlike three part systems, NO FREE ALUMINUM POWDER. No fire or explosion problems.
- Neat and clean to use. No danger of inhaling aluminum dust.
- Low shrinkage. Stronger than competitive materials.
- Very easy to pour. 60% lower viscosity than competitive products.
- Cures overnight and is ready to use without heat cure.
- No settling of filled resin portion. Shelf life over 1 year.

PROPERTIES:

Bond Impact*	80 ft.-lb./in.
Compressive Strength	18,000-21,000 psi
Tensile Strength	3,700-5,300 psi
Tensile Modulus	640,000-690,000 psi
Tensile Elongation	0.5%
Flexural Strength	7,300-8,900 psi
Flexural Modulus	560,000-600,000 psi

*Samples do not break at tester's highest setting. Competitive materials break at 11 ft.-lb/in. All other tests conform to appropriate ASTM Standards.



HEAT DISTORTION TEMPERATURE:

RT Cure	164 degrees F.
RT Cure + 140F. for ½ hour	167 degrees F.
Gel Time (77 degrees F.)	20-25 min.
Working Time (70 degrees F.)	15-20 min.
Pouring Viscosity	6000 cps

PACKAGING:

Single Kits of 7.50 lbs. net weight each equal 134 cubic inches of cured material. Resin is aluminum powder filled. Hardener is low viscosity liquid.

The information contained herein is to our knowledge true and accurate but all suggestions are made without guarantee since conditions of use are beyond our control. Nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents.