

Strain Gage Cement



OTHER ACCESSORIES USED IN A SAUEREISEN DKS-8 INSTALLATION:

- CSM Degreaser or GC-6 Isopropyl Alcohol
- Silicon-Carbide Paper
- M-Prep Conditioner A
- M-Prep Neutralizer 5A
- CSP-1 Cotton Swabs
- GSP-1 Gauze Sponges
- GT-11 Camel's Hair Brush
- SPT-1 Double Blade Spatula



RoHS
COMPLIANT

DESCRIPTION

Single-part chemical-setting, inorganic, Zircon-based cement supplied as a powder and mixed with water. High electrical-insulation and thermal-conductivity values. Used for installing high-temperature free-filament strain gages.

CHARACTERISTICS

Operating Temperature Range:

-452° to +2500°F [-269° to +1370°C].

Elongation Capabilities:

0.5% at +75°F [+24°C].

Shelf Life:

Minimum 1 year at +75°F [+24°C].

Pot Life:

Minimum 1 year at +75°F [+24°C].

Temperature Coefficient of Expansion:

2.6ppm/°F [4.7ppm/°C].

Cure Requirements:

18 to 24 hours at +75°F [+24°C]. Application of heat will accelerate cure time.

Recommended Postcure (Unclamped):

1 hour at 50°F [30°C] above maximum operating temperature.

PACKAGING OPTIONS

Kits:

1 bottle [4oz/115gm] powder

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