

Aremco Ceramabind™ 875 High Temperature Inorganic Binder

Category: Ceramic, Potting/Casting Ceramic

Material Notes:

An acidic powdered binder system used to formulate high strength, hydraulic-setting cements for electrical potting or molding applications.

A powder blend is typically formulated by adding one part binder to four parts filler by weight. Water is then added in a ratio of 15-20 parts to 100 parts powder blend by weight. Curing occurs at room temperature or can be accelerated by heating at 200 °F for 1-2 hours.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Ceramabind-875-High-Temperature-Inorganic-Binder.php

| Physical Properties | Metric | English | Comments |
|---------------------|----------------|----------------|-----------|
| Specific Gravity | 1.36 g/cc | 1.36 g/cc | |
| Solids Content | 100 % | 100 % | by weight |
| pH | 2.8 | 2.8 | |
| Storage Temperature | 7.22 - 35.0 °C | 45.0 - 95.0 °F | |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|---------|---------|----------|
| Maximum Service Temperature, Air | 1650 °C | 3000 °F | |

| Processing Properties | Metric | English | Comments |
|-----------------------|----------------------|---------------------|----------|
| Cure Time | 60.0 - 120 min | 1.00 - 2.00 hour | |
| | @Temperature 93.3 °C | @Temperature 200 °F | |
| Shelf Life | 6.00 Month | 6.00 Month | |

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