

## Aremco Ceramabond™ 569 High Temperature Ceramic Adhesive/Paste, Alumina Filled

Category : Ceramic , Oxide , Aluminum Oxide , Other Engineering Material , Ceramic/Metallic Coating

### Material Notes:

White paste used for bonding of Ceramic-to-Ceramic; Ceramic-Metal; and Quartz. Used in Heaters, Igniters, Resistors, Sensors. This one component system air dries in 1-2 hrs and is ready for use following a 200 to 700 °F cure. These materials are mostly water-based and do not outgas after curing. They are also environmentally safe, non-flammable materials which contain no volatile organic compounds.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aremco-Ceramabond-569-High-Temperature-Ceramic-AdhesivePaste-Alumina-Filled.php](http://www.lookpolymers.com/polymer_Aremco-Ceramabond-569-High-Temperature-Ceramic-AdhesivePaste-Alumina-Filled.php)

Physical Properties	Metric	English	Comments
Density	2.15 - 2.30 g/cc	0.0777 - 0.0831 lb/in <sup>3</sup>	
Volatile Organic Compounds (VOC) Content	0.000 g/l	0.000 g/l	

Mechanical Properties	Metric	English	Comments
Impact Test	51.5 J	38.0 ft-lb	Torque Strength; curing at 1000°F

Thermal Properties	Metric	English	Comments
CTE, linear	7.56 µm/m-°C	4.20 µin/in-°F	
Maximum Service Temperature, Air	1650 °C	3000 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	5.43 kV/mm	138 kV/in	

Processing Properties	Metric	English	Comments
Processing Temperature	50.0 - 90.0 °C	122 - 194 °F	Application Temp
Cure Time	120 min @Temperature 93.3 °C	2.00 hour @Temperature 200 °F	preceded by 1-4 hour air set
Shelf Life	6.00 Month @Temperature 4.44 - 32.2 °C	6.00 Month @Temperature 40.0 - 90.0 °F	

Descriptive Properties	Value	Comments
Acid Resistance	Excellent	after curing at 700°F for 2 hours

Alkali Resistance Descriptive Properties	Good Value	after curing at 700°F for 2 hours Comments
Color	White	
Moisture Resistance	Excellent	after curing at 700°F for 2 hours
Solvent	Water	
Thinner	569-T	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China