

Aremco Ceramabond™ 670 High Temperature Ceramic Adhesive/Paste, Alumina Filled

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Aremco's ceramic adhesives are easy to use, one- and two-component systems which air dry in 1-2 hrs and are 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. General Features: High Adhesive Strength Bonding: Ceramic to Ceramic, Ceramic to Metal, Metal to Metal Principal Use: Textiles, Threadlocking

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Ceramabond-670-High-Temperature-Ceramic-AdhesivePaste-Alumina-Filled.php

Physical Properties	Metric	English	Comments
Density	1.80 - 1.95 g/cc	0.0650 - 0.0704 lb/in ³	
Volatile Organic Compounds (VOC) Content	0.000 g/l	0.000 g/l	
Viscosity	2500 - 5000 cP	2500 - 5000 cP	

Mechanical Properties	Metric	English	Comments
Impact Test	81.3 J	60.0 ft-lb	Torque Strength; curing at 1000°F

Thermal Properties	Metric	English	Comments
CTE, linear	7.74 µm/m-°C	4.30 µin/in-°F	
Maximum Service Temperature, Air	1650 °C	3000 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	5.59 kV/mm	142 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	Good	after curing at 700°F for 2 hours
Alkali Resistance	Good	after curing at 700°F for 2 hours
Color	White	
Moisture Resistance	Excellent	after curing at 700°F for 2 hours
Solvent	Water	
Thinner	670-T	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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