

## Aremco Ceramabond™ 600-N High Temperature Ceramic Adhesive/Paste, Alumino-Silica Filled

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

### Material Notes:

Aremco Ceramabond™ 600-N High Temperature Ceramic Adhesive/Paste, Alumino-Silica Filled

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aremco-Ceramabond-600-N-High-Temperature-Ceramic-AdhesivePaste-Alumino-Silica-Filled.php](http://www.lookpolymers.com/polymer_Aremco-Ceramabond-600-N-High-Temperature-Ceramic-AdhesivePaste-Alumino-Silica-Filled.php)

Physical Properties	Metric	English	Comments
Density	2.00 - 2.05 g/cc	0.0723 - 0.0741 lb/in <sup>3</sup>	
Volatile Organic Compounds (VOC) Content	0.000 g/l	0.000 g/l	
Viscosity	5000 - 15000 cP	5000 - 15000 cP	

Mechanical Properties	Metric	English	Comments
Impact Test	19.0 J	14.0 ft-lb	Torque Strength; curing at 1000°F

Thermal Properties	Metric	English	Comments
CTE, linear	5.40 µm/m-°C	3.00 µin/in-°F	
Maximum Service Temperature, Air	1650 °C	3000 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	7.99 kV/mm	203 kV/in	

Processing Properties	Metric	English	Comments
Processing Temperature	50.0 - 90.0 °C	122 - 194 °F	Application Temp
Cure Time	60.0 min @Temperature 177 °C	1.00 hour @Temperature 350 °F	Step 2
	120 min @Temperature 93.3 °C	2.00 hour @Temperature 200 °F	Step 1, preceeded 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
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Descriptive Properties	Good Value	Comments
Alkali Resistance	Good	after curing at 700°F for 2 hours
Color	Tan	
Moisture Resistance	Excellent	after curing at 700°F for 2 hours
Solvent	Water	
Thinner	600-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