

Aremco Ceramacast™ 895 High Temperature Potting & Casting Material Alumina

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Fine grain castable ceramic.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Ceramacast-895-High-Temperature-Potting-Casting-Material-Alumina.php

Physical Properties	Metric	English	Comments
Bulk Density	1.44 g/cc	0.0520 lb/in ³	Powder
Porosity	<= 6.0 %	<= 6.0 %	
pH	5.0 - 6.0	5.0 - 6.0	
Viscosity	22000 cP	22000 cP	mixed

Mechanical Properties	Metric	English	Comments
Compressive Strength	56.5 MPa	8200 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	7.20 $\mu\text{m}/\text{m}\cdot\text{°C}$	4.00 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Maximum Service Temperature, Air	1370 °C	2500 °F	
Shrinkage	<= 1.00 %	<= 1.00 %	
	@Temperature 538 °C	@Temperature 1000 °F	

Processing Properties	Metric	English	Comments
Dry Time	>= 8 hour	>= 8 hour	Air dry
Cure Time	300 - 420 min	5.00 - 7.00 hour	2-4 hrs at 200°F; 3 hrs at 250°F
Pot Life	60 min	60 min	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Acid Resistance	Good	attacked by HF
Alkali Resistance	Good	

Descriptive Properties	Value	Comments
Mix Ratio	100:15-17	powder:liquid
Moisture Resistance	Good	

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