

Aremco Aremco-Bond™ 2150 High Performance Epoxide

Category : Polymer , Adhesive , Thermoset , Epoxy

Material Notes:

Ceramic-Filled, Fast-Setting, High Vibration Resistance and Bond Strength. Ideal for bonding ceramic wear tiles.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Aremco-Bond-2150-High-Performance-Epoxye.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 g/cc	1.50 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	84	84	
Flexural Strength	81.4 MPa	11800 psi	ASTM D790
Shear Strength	16.2 MPa	2350 psi	ASTM D1002-94

Thermal Properties	Metric	English	Comments
CTE, linear	32.4 $\mu\text{m}/\text{m}\cdot\text{°C}$	18.0 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	
Shrinkage	0.40 %	0.40 %	Cure Shrinkage

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	
Dielectric Constant	4.2	4.2	
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	18.1 kV/mm	460 kV/in	
Dissipation Factor	0.030	0.030	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	+ 4 hr at 175°F, Alternate
	@Temperature 23.9 °C	@Temperature 75.0 °F	
	1440 min	24.0 hour	

Processing Properties	Metric @ Temperature 23.0 °C	English @ Temperature 73.4 °F	Recommended Comments
Pot Life	>= 480 min @Temperature 25.0 °C	>= 480 min @Temperature 77.0 °F	100 gm mass

Descriptive Properties	Value	Comments
Chemical Resistance	Good	
Color	Light Gray	
Mix Ratio By Weight	100:13	resin:hardener
Viscosity	Paste	

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