

## Aremco Aremco-Bond™ 2335 Ultra High Temperature Epoxy

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy, High Temperature

### Material Notes:

Ceramic-Filled, Low Expansion, High Lap-Shear Strength & Chemical Resistance, Low Outgassing.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aremco-Aremco-Bond-2335-Ultra-High-Temperature-Epoxy.php](http://www.lookpolymers.com/polymer_Aremco-Aremco-Bond-2335-Ultra-High-Temperature-Epoxy.php)

Physical Properties	Metric	English	Comments
Density	1.80 g/cc	0.0650 lb/in <sup>3</sup>	
Linear Mold Shrinkage	0.00310 cm/cm	0.00310 in/in	cure shrinkage

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	90.0	90.0	
Flexural Strength	93.8 MPa	13600 psi	
Shear Strength	13.8 MPa	2000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	25.2 $\mu\text{m}/\text{m}\cdot\text{°C}$	14.0 $\mu\text{in}/\text{in}\cdot\text{°F}$	
Maximum Service Temperature, Air	300 °C	572 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	2.00e+15 ohm-cm	2.00e+15 ohm-cm	
Dielectric Constant	4.80 @Frequency 1000 Hz	4.80 @Frequency 1000 Hz	
Dielectric Strength	17.7 kV/mm	450 kV/in	
Dissipation Factor	0.000700	0.000700	

Processing Properties	Metric	English	Comments
Cure Time	120 min @Temperature 93.3 °C	2.00 hour @Temperature 200 °F	Step 1 of recommended 2 step cure
	120 min @Temperature 177 °C	2.00 hour @Temperature 350 °F	Step 2 of recommended 2 step cure

Processing Properties	Metric <sub>cn</sub>	English <sub>us</sub>	Comments
	@Temperature 149 °C	@Temperature 300 °F	Alternate
Pot Life	90.0 min @Temperature 25.0 °C	90.0 min @Temperature 77.0 °F	100 g mass

Descriptive Properties	Value	Comments
Chemical Resistance	Excellent	
Color	Beige	
Mix Ratio By Weight	100:5.5	resin:hardener
Viscosity	Paste	

## Contact Songhan Plastic Technology Co.,Ltd.

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