

## Aremco Aremco-Bond™ 657 High Performance Epoxide

Category : Polymer , Adhesive , Thermoset , Epoxy

### Material Notes:

Stainless Steel-Filled, High Corrosion Resistance.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aremco-Aremco-Bond-657-High-Performance-Epoxy.php](http://www.lookpolymers.com/polymer_Aremco-Aremco-Bond-657-High-Performance-Epoxy.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.65 g/cc	1.65 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	75	75	
Flexural Strength	82.7 MPa	12000 psi	ASTM D790
Shear Strength	17.2 MPa	2500 psi	ASTM D1002-94

Thermal Properties	Metric	English	Comments
CTE, linear	54.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	30.0 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-65.0 °C	-85.0 °F	
Shrinkage	0.20 %	0.20 %	Cure Shrinkage

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	Recommended Cure
	@Temperature 93.3 °C	@Temperature 200 °F	
	1440 - 2880 min	24.0 - 48.0 hour	Alternate
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Pot Life	4.20 min	4.20 min	100 gm mass
	@Temperature 25.0 °C	@Temperature 77.0 °F	

Descriptive Properties	Value	Comments
Chemical Resistance	Excellent	
Mix Ratio By Weight	1:1	resin:hardener

## **Contact Songhan Plastic Technology Co.,Ltd.**

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