

## Cotronics Resbond™ 950 High Temperature Ceramic Adhesive, Aluminum Composition

Category : Ceramic

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cotronics-Resbond-950-High-Temperature-Ceramic-Adhesive-Aluminum-Composition.php](http://www.lookpolymers.com/polymer_Cotronics-Resbond-950-High-Temperature-Ceramic-Adhesive-Aluminum-Composition.php)

Mechanical Properties	Metric	English	Comments
Flexural Strength	20.7 MPa	3000 psi	
Compressive Strength	34.5 MPa	5000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	18.0 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	10.0 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 20.0 $^\circ\text{C}$	@Temperature 68.0 $^\circ\text{F}$	
Thermal Conductivity	6.34 W/m-K	44.0 BTU-in/hr-ft <sup>2</sup> - $^\circ\text{F}$	
Maximum Service Temperature, Air	649 $^\circ\text{C}$	1200 $^\circ\text{F}$	

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