

## Cotronics Resbond™ 901 High Temperature Ceramic Adhesive, Fiber Base

Category : Ceramic

**Material Notes:**

Single component system with a paint consistency.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cotronics-Resbond-901-High-Temperature-Ceramic-Adhesive-Fiber-Base.php](http://www.lookpolymers.com/polymer_Cotronics-Resbond-901-High-Temperature-Ceramic-Adhesive-Fiber-Base.php)

Mechanical Properties	Metric	English	Comments
Flexural Strength	4.14 MPa	600 psi	
Compressive Strength	8.27 MPa	1200 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	7.20 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	4.00 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$	
	@Temperature 20.0 $^{\circ}\text{C}$	@Temperature 68.0 $^{\circ}\text{F}$	
Thermal Conductivity	0.288 W/m-K	2.00 BTU-in/hr-ft <sup>2</sup> - $^{\circ}\text{F}$	
Maximum Service Temperature, Air	1430 $^{\circ}\text{C}$	2600 $^{\circ}\text{F}$	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+12 ohm-cm	1.00e+12 ohm-cm	
Dielectric Strength	7.87 kV/mm	200 kV/in	

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