

## Cotronics Resbond™ 919 High Temperature Ceramic Adhesive, High Resistance

Category : Ceramic

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cotronics-Resbond-919-High-Temperature-Ceramic-Adhesive-High-Resistance.php](http://www.lookpolymers.com/polymer_Cotronics-Resbond-919-High-Temperature-Ceramic-Adhesive-High-Resistance.php)

Mechanical Properties	Metric	English	Comments
Flexural Strength	3.10 MPa	450 psi	
Compressive Strength	31.0 MPa	4500 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	4.68 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	2.60 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 20.0 $^\circ\text{C}$	@Temperature 68.0 $^\circ\text{F}$	
Thermal Conductivity	0.576 W/m-K	4.00 BTU-in/hr-ft <sup>2</sup> - $^\circ\text{F}$	
Maximum Service Temperature, Air	1540 $^\circ\text{C}$	2800 $^\circ\text{F}$	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 ohm-cm	
Dielectric Strength	10.6 kV/mm	270 kV/in	

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