

## Cotronics Resbond™ 989 High Temperature, High Purity Alumina Adhesive, General Purpose

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cotronics-Resbond-989-High-Temperature-High-Purity-Alumina-Adhesive-General-Purpose.php](http://www.lookpolymers.com/polymer_Cotronics-Resbond-989-High-Temperature-High-Purity-Alumina-Adhesive-General-Purpose.php)

Mechanical Properties	Metric	English	Comments
Flexural Strength	7.58 MPa	1100 psi	
Compressive Strength	20.7 MPa	3000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	8.10 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	4.50 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 20.0 $^\circ\text{C}$	@Temperature 68.0 $^\circ\text{F}$	
Thermal Conductivity	2.16 W/m-K	15.0 BTU-in/hr-ft <sup>2</sup> - $^\circ\text{F}$	
Maximum Service Temperature, Air	1650 $^\circ\text{C}$	3000 $^\circ\text{F}$	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+8 ohm-cm	1.00e+8 ohm-cm	
Dielectric Strength	7.87 kV/mm	200 kV/in	

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

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