

## Cotronics Resbond™ 7030 High Temperature Ceramic Adhesive, High Strength

Category : Ceramic

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cotronics-Resbond-7030-High-Temperature-Ceramic-Adhesive-High-Strength.php](http://www.lookpolymers.com/polymer_Cotronics-Resbond-7030-High-Temperature-Ceramic-Adhesive-High-Strength.php)

Mechanical Properties	Metric	English	Comments
Flexural Strength	10.0 MPa	1450 psi	
Compressive Strength	34.5 MPa	5000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	13.5 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	7.50 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$	
	@Temperature 20.0 $^{\circ}\text{C}$	@Temperature 68.0 $^{\circ}\text{F}$	
Thermal Conductivity	1.20 W/m-K	8.30 BTU-in/hr-ft <sup>2</sup> - $^{\circ}\text{F}$	
Maximum Service Temperature, Air	982 $^{\circ}\text{C}$	1800 $^{\circ}\text{F}$	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+9 ohm-cm	1.00e+9 ohm-cm	
Dielectric Strength	3.94 kV/mm	100 kV/in	

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