

Cotronics Resbond™ 907 High Temperature Ceramic Adhesive, Industrial Strength

Category : Ceramic

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cotronics-Resbond-907-High-Temperature-Ceramic-Adhesive-Industrial-Strength.php

Mechanical Properties	Metric	English	Comments
Flexural Strength	13.8 MPa	2000 psi	
Compressive Strength	24.1 MPa	3500 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	0.865 W/m-K	6.00 BTU-in/hr-ft ² - $^\circ\text{F}$	
Maximum Service Temperature, Air	1260 $^\circ\text{C}$	2300 $^\circ\text{F}$	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+9 ohm-cm	1.00e+9 ohm-cm	
Dielectric Strength	11.8 kV/mm	300 kV/in	

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