

Cotronics Resbond™ 903HP High Temperature Ceramic Adhesive, Hi-Bond Strength

Category : Ceramic

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cotronics-Resbond-903HP-High-Temperature-Ceramic-Adhesive-Hi-Bond-Strength.php

Mechanical Properties	Metric	English	Comments
Flexural Strength	24.1 MPa	3500 psi	
Compressive Strength	48.3 MPa	7000 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	5.76 W/m-K	40.0 BTU-in/hr-ft ² - $^\circ\text{F}$	
Maximum Service Temperature, Air	1790 $^\circ\text{C}$	3250 $^\circ\text{F}$	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+10 ohm-cm	1.00e+10 ohm-cm	
Dielectric Strength	9.84 kV/mm	250 kV/in	

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