

Cotronics Resbond™ 906 High Temperature Ceramic Adhesive, High Expansion

Category : Ceramic

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cotronics-Resbond-906-High-Temperature-Ceramic-Adhesive-High-Expansion.php

Mechanical Properties	Metric	English	Comments
Flexural Strength	10.3 MPa	1500 psi	
Compressive Strength	20.7 MPa	3000 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	12.6 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	7.00 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@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	1650 $^\circ\text{C}$	3000 $^\circ\text{F}$	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+9 ohm-cm	1.00e+9 ohm-cm	
Dielectric Strength	9.84 kV/mm	250 kV/in	

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