

Cotronics Resbond™ 905 High Temperature Ceramic Adhesive, Low Expansion

Category : Ceramic

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cotronics-Resbond-905-High-Temperature-Ceramic-Adhesive-Low-Expansion.php

Mechanical Properties	Metric	English	Comments
Flexural Strength	14.5 MPa	2100 psi	
Compressive Strength	22.1 MPa	3200 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	0.540 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	0.300 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$	
	@Temperature 20.0 $^{\circ}\text{C}$	@Temperature 68.0 $^{\circ}\text{F}$	
Thermal Conductivity	1.44 W/m-K	10.0 BTU-in/hr-ft ² - $^{\circ}\text{F}$	
Maximum Service Temperature, Air	1370 $^{\circ}\text{C}$	2500 $^{\circ}\text{F}$	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 ohm-cm	
Dielectric Strength	7.87 kV/mm	200 kV/in	

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