

Cotronics Resbond™ 940 High Temperature Ceramic Adhesive, Fast Set

Category : Ceramic

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cotronics-Resbond-940-High-Temperature-Ceramic-Adhesive-Fast-Set.php

Mechanical Properties	Metric	English	Comments
Flexural Strength	3.45 MPa	500 psi	
Compressive Strength	27.6 MPa	4000 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	1.15 W/m-K	8.00 BTU-in/hr-ft ² - $^{\circ}\text{F}$	
Maximum Service Temperature, Air	1090 $^{\circ}\text{C}$	2000 $^{\circ}\text{F}$	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+9 ohm-cm	1.00e+9 ohm-cm	
Dielectric Strength	4.92 kV/mm	125 kV/in	

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