

Cotronics Resbond™ 918 High Temperature Ceramic Adhesive, One Composition

Category : Ceramic

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cotronics-Resbond-918-High-Temperature-Ceramic-Adhesive-One-Composition.php

Mechanical Properties	Metric	English	Comments
Flexural Strength	4.14 MPa	600 psi	
Compressive Strength	24.1 MPa	3500 psi	

Thermal Properties	Metric	English	Comments
CTE, linear	10.8 $\mu\text{m}/\text{m}\cdot\text{°C}$	6.00 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	1.15 W/m-K	8.00 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	1370 °C	2500 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+8 ohm-cm	1.00e+8 ohm-cm	
Dielectric Strength	3.94 kV/mm	100 kV/in	

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