

Parker Chomerics CHO-BOND 2165 Polyurethane Sealant

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

Conductive sealant is a stabilized copper filled, two component polyurethane. It has excellent electrical and physical properties for aerospace and military applications. CHO-BOND® 2165 sealant is highly resistant to aircraft fluids and to corrosion. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-BOND-2165-Polyurethane-Sealant.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.85 g/cc	2.85 g/cc	ASTM 0792
Solids Content	>= 95 %	>= 95 %	ASTM D1259

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	73	73	ASTM D2240

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	85.0 °C	185 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.0070 ohm-cm	0.0070 ohm-cm	95-40-5555

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	after 4 hrs at RT
	@Temperature 125 °C	@Temperature 257 °F	
	120 min	2.00 hour	
	@Temperature 93.0 °C	@Temperature 199 °F	after 4 hrs at RT
	10100 min	168 hour	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Shelf Life	9.00 Month	9.00 Month	unopened

Descriptive Properties	Value	Comments
Mix Ratio	100 to 7.021	A:B

Task / Test Time Descriptive Properties	Value 4 hrs at RT, 50% RH	Comments
Working Life	1 hr	

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