

Cotronics Duralco™ 4461 Electrically Resistant, Low Viscosity Epoxy Adhesive, Coating, and Sealant

Category : Polymer , Thermoset , Epoxy

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cotronics-Duralco-4461-Electrically-Resistant-Low-Viscosity-Epoxy-Adhesive-Coating-and-Sealant.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	
Moisture Absorption at Equilibrium	0.15 %	0.15 %	
Viscosity	600 cP	600 cP	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	80	80	
Tensile Strength, Ultimate	65.5 MPa	9500 psi	
Elongation at Break	5.0 %	5.0 %	

Thermal Properties	Metric	English	Comments
CTE, linear	64.0 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	35.6 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	0.576 W/m-K	4.00 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	260 °C	500 °F	
Shrinkage	0.80 %	0.80 %	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+13 ohm-cm	1.00e+13 ohm-cm	
Dielectric Strength	17.7 kV/mm	450 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	@Temperature 121 °C	@Temperature 250 °F	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China