

Aremco Aremco-Bond™ 598 Conductive Epoxy Adhesive (discontinued **)

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive , Epoxy, Electrically Conductive

Material Notes:

Electrically and thermally conductive, nickel-filled, single part system. Low viscosity, inorganic coating for applications to 1000 °F (540 °C).

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Aremco-Bond-598-Conductive-Epoxy-Adhesive-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.90 g/cc	0.0686 lb/in ³	

Mechanical Properties	Metric	English	Comments
Adhesive Bond Strength	9.48 MPa	1370 psi	Per ASTM D1002-94; shear strength of single lap-joint metal coupons in tension loading.

Thermal Properties	Metric	English	Comments
CTE, linear	33.7 µm/m-°C	18.7 µin/in-°F	
	@Temperature 20.0 °C	@Temperature 68.0 °F	
Thermal Conductivity	1.20 W/m-K	8.33 BTU-in/hr-ft ² -°F	
Maximum Service Temperature, Air	538 °C	1000 °F	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1e+05	1e+05	
Dielectric Strength	9.80 kV/mm	249 kV/in	

Processing Properties	Metric	English	Comments
Pot Life	240 min	240 min	

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