

Aptek 6516-A/B Electrically conductive epoxy adhesive

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

Material Notes:

General purpose, electrically conductive epoxy adhesive APTEK 6516-A/B is a two component, 100% solid, silver filled electrically conductive epoxy adhesive specifically designed for the attachment of electrical/electronic components to printed circuit boards. APTEK 6516-A/B displays excellent adhesion to various metal, ceramic and P.C. board substrates. Fast set-Reaches 90% of properties in 48 hours at 25°C Information provided by Aptek Laboratories, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aptek-6516-AB-Electrically-conductive-epoxy-adhesive.php

Physical Properties	Metric	English	Comments
Density	4.80 g/cc	0.173 lb/in ³	A Component; ASTM D1475
	4.80 g/cc	0.173 lb/in ³	B Component; ASTM D1475

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	<= 83	<= 83	Cured property; ASTM D2240
Adhesive Bond Strength	6.89 MPa	1000 psi	Al-to-Al Lap Shear; Cured 1 hr at 65°C; ASTM D1002

Thermal Properties	Metric	English	Comments
Flash Point	>= 125 °C	>= 257 °F	A Component; ASTM D92
	>= 125 °C	>= 257 °F	B Component; ASTM D92

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.0050 ohm-cm	0.0050 ohm-cm	Cured property; ASTM D257

Processing Properties	Metric	English	Comments
Processing Temperature	65.0 °C	149 °F	Cure 1 hrs

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