

## Aptek 2210A/B Electrically conductive urethane adhesive

Category : Polymer , Adhesive , Thermoset , Polyurethane, TS , Thermoset Polyurethane, Adhesive

### Material Notes:

Electrically conductive urethane adhesive, silver-filled, flexible low modulus, low outgassing APTEK 2210-A/B is a two component, silver-filled, urethane adhesive designed for application where flexibility and electrically conductivity are required. APTEK 2210-A/B is a 100% solid adhesive displaying excellent adhesion to plastic metal substrates. Non-TDI based for safety; Very flexible/low modulus to absorb stress buildup during thermal cycling; Excellent adhesion to ceramic and various substrates; Low Tg(

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aptek-2210AB-Electrically-conductive-urethane-adhesive.php](http://www.lookpolymers.com/polymer_Aptek-2210AB-Electrically-conductive-urethane-adhesive.php)

Physical Properties	Metric	English	Comments
Density	1.13 g/cc	0.0408 lb/in <sup>3</sup>	B Component; ASTM D1475
	3.10 g/cc	0.112 lb/in <sup>3</sup>	ASTM D1475
	3.20 g/cc	0.116 lb/in <sup>3</sup>	A Component; ASTM D1475
Viscosity	1800 cP	1800 cP	B Component; ASTM D1824
Outgassing - Total Mass Loss	0.45 %	0.45 %	Cured property; at 10E-6 torr; ASTM E595
Collected Volatile Condensable Material	0.080 %	0.080 %	Cured property; at 10E-6 torr; ASTM E595

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.76 W/m-K	12.2 BTU-in/hr-ft <sup>2</sup> -°F	COLORA
Flash Point	>= 150 °C	>= 302 °F	A Component; ASTM D92
	>= 150 °C	>= 302 °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	100 °C	212 °F	Cure 4 hrs

## Contact Songhan Plastic Technology Co.,Ltd.

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