

P & P Technology Silver/Aluminum Conductive Adhesive

Category : Polymer , Adhesive , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

P & P Technology conductive silver/aluminum adhesive is a one part electrically conductive room temperature curing elastomer. It is supplied as a readily extrudable paste that cures rapidly when exposed to atmospheric moisture. Information provided by P & P Technology

Order this product through the following link:

http://www.lookpolymers.com/polymer_P-P-Technology-SilverAluminum-Conductive-Adhesive.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.86 g/cc	1.86 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	
Tensile Strength	1.79 MPa	260 psi	
Elongation at Break	>= 155 %	>= 155 %	
Shear Strength	>= 1.21 MPa	>= 175 psi	
Tear Strength	>= 45.0 kN/m	>= 257 pli	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	400 °C	752 °F	
Minimum Service Temperature, Air	-55.0 °C	-67.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.010 ohm-cm	0.010 ohm-cm	

Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	Skin over
	90.0 min	1.50 hour	Tack free
	720 - 1440 min	12.0 - 24.0 hour	Cure for Handling
	4320 - 8640 min	72.0 - 144 hour	Full Cure

Descriptive Properties	Value	Comments
Color	Blue	

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