



CONDUCTIVE SILVER EPOXY TECHNICAL DATA SHEET

Specifications

Specification	Test Method	Result
Minimum operating temp.		-30°C (-22 °F)
Maximum operating temp.		90°C (194°F)
Cure time @ 24°C (75°F)		5 hours
Cure time @ 65°C (150°F)		15 minutes
Working time @ 22°C		10 minutes
Mixing Ratio		1:1
Volume resistivity @ 25°C	MIL-STD-883E Notice 3, method 5011.4, paragraphs 3.5.8, 3.8.11.1 (Covered Under A2LA Accreditation)	0.38 ohm · cm
Tensile strength	ASTM-D-638-02A	911 psi
Elongation	ASTM-D-638-02A	0.3 %
Compressive Strength	ASTM-D-695-02A	1100 psi
Flexural Strength	ASTM-D-790-03	2,500 psi
Shear Strength	ASTM-D-732-02	234 psi
Cantilever Beam (IZOD) Impact	ASTM-D-256-02 E1	0.39 ft lb ft / in
Thermal Expansion	ASTM-E-831-03	79.3 mm/10 ⁶ mm
Density	ASTM-D-256-02 E1	2.34 g/cm ³
Thermal Conductivity	ASTM-C-518	0.578 W/m · °K

Available Sizes

Part Number	Sizes Available	Description
SE	14g (0.35 oz)	Two 7g syringes, 3ml each
SE-B	454g (1 lb)	1 lb kit