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TECHNICAL DATA SHEET
RF 2969 Mod 4 A/B
ELECTRICALLY CONDUCTIVE EPOXY RESIN

Description

RF 2969 Mod 4 is a thixotropic, high strength epoxy adhesive with good physical strength and high electrical conductivity. This material is designed where hot solder applications are impractical or on parts which cannot be subjected to heat. RF-2969 Mod 4 is also effective as a shielding material.

Handling Properties, Typical

Property	RF 2969 Mod 4 A/B
Mix Ratio: by Weight	100:50
by Volume	2:1
Mixed Color	Silver
Mixed Viscosity @ 77°F (25°C), cps	280,000 (thixotropic)
Pot Life, 100 grams @ 77°F (25°C)	60 min
Cure Schedule	5-7 Days @ 25°C or 4 Hours @ 65°C

Physical Properties, Typical Cured Performance

** Property	Test Method	Unit	Value
Al-Al Lap Shear	ASTM D1002	psi	1,700
Cured Hardness		Shore D	70+
Glass Transition Temperature (Tg)	ASTM D3418	°C	50
Volume Resistivity		Ohm-cm	2E-3
NASA Outgassing	ASTM E595	TML %	0.21
		CVCM %	0.00
		WVR %	0.05

** Cure: 4 Hours @ 65°C

SAFETY INFORMATION: See Materials Safety Data Sheet for RF 2969 A & B for proper storage and handling.

Notice to Buyer: Exclusion of Warranties and Limitation of Liability

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Revised: D. Soden 09-09-2015