



Creative Materials, Inc.
12 Willow Road
Ayer, MA 01432

T 978.391.4700
F 978.391.4705

GPC 352-1

ELECTRICALLY CONDUCTIVE EPOXY ADHESIVE

DESCRIPTION: GPC 352-1 is a two part, heat curing, silver filled epoxy adhesive. System is designed to be used for making electrical and mechanical attachments on electrical components and devices. Unlike typical heat curing systems, this product always results in excellent conductivity and is less sensitive to handling and ambient conditions.

	<u>Part A</u>	<u>Part B</u>
Appearance:	Silver	Light Yellow
Consistency:	Paste	Liquid
Mix Ratio (by weight):	100	13
Pot Life:	-----	> 4 days

MIXING INSTRUCTIONS: Premix Part A in original container prior to adding curing agent. Add Part B to Part A and mix until uniform.

CURING INSTRUCTIONS: Best results are obtained when product is cured at one of the following schedules:

90 mins @ 80°C or
60 mins @ 100°C or
30 mins @ 125°C or
15 mins @ 150°C

TYPICAL CURED PROPERTIES:

Volume Resistivity , max. (Ω -cm)	0.0005
Silver Content (%)	73
Water Absorption (%)	< 0.06
Tensile Strength (psi)	11,200
Solvent Resistance	Excellent
Solderable	No
Specific Gravity (g/cc)	3.1

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