



## Customized Adhesive Solutions

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# NGAC G907-52

# Technical Bulletin

## Low Viscosity & General Purpose Epoxy Adhesive

### Description:

NGAC G907-52 is a low viscosity and room temperature curable epoxy adhesive. This 2-part system adheres strongly to glass, ceramics, most metals and plastics.

### Advantages and Applications:

NGAC G907-52 was designed for industrial bonding, casting and potting applications requiring good flowability, surface wetting and minimal shrinkage upon cure.

NGAC G907-52 features the following characteristics that enable ease of use.

For additional information or assistance, please call **978-436-9600**

### Properties:

	<b>Typical Value</b>
Color	Black
Mixed Viscosity, cps	4,000
Thixotropic Index	1.3
Specific Gravity	1.58
Mix Ratio by Weight (R/H)	100/14
Hardness Shore D	85
Operating Temperature:	-60 to +145°C
CTE, cm/cm/°C	3.5E-05
Volume Resistivity (ohm-cm)	
@25°C	4.00 E+16
@100°C	4.00 E+14
Thermal Conductivity (W-m-K)	0.5
Glass Transition Temperature, °C	80
Lap Shear, Alum to Alum, psi	3000
Dielectric Strength, Volts/mil	510
Dielectric Constant 1KHz@25C	4.10
Dissipation Factor 1KHz@25C	0.01
Heat Distortion Temperature, °C	102
Pot Life, minutes	30
NASA OUTGASSING	Passes

### Cure Schedule:

Temperature	25C	65C
Time	24 hour	4 hours

All values reported above are typical values and are for reference use only. These values are not intended for use in developing specifications. Application testing under specific conditions should be performed to determine actual results and fitness for use.