



Customized Adhesive Solutions

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NGAC G907-43

Technical Bulletin

General Purpose Structural Epoxy Adhesive

Description:

NGAC G907-43 is a high viscosity and thixotropic adhesive system that is specifically formulated for structural bonding applications: industrial, electronics and aerospace.

Advantages and Applications:

The NGAC G907-43 is recommended for any application requiring a high fill adhesive will not sag, providing excellent adhesion and mechanical/structural strength. The NGAC G907-43 is easily mixed and cured at room temperature and provides excellent adhesion to glass, ceramic, metal and plastic.

NGAC G907-43 features the following characteristics that enable ease of use.

Properties

	Typical Value
Color	Milky White
Mixed Viscosity	75,000 cps
Specific Gravity	1.26
Mix Ratio by Weight (R/H)	100/22
Hardness Shore D	90
Coefficient of Expansion, cm/cm/°C	6 E-05
Dielectric Strength, Volts/Mil	420
Dielectric Constant, 1KHz@25°C	4
Operating Temperature:	-55 to 135°C
Lap Shear, alum to alum	3000 psi
Glass Transition Temperature	110C
Percent Solids	100%
Pot Life	30 minutes

Cure Schedule:

Temperature	25C	65C
Time	24 hours	4 hours

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

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.