



Customized Adhesive Solutions

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NGAC TC907-40

Technical Bulletin

Flexible, Thermally Conductive and Electrically Insulating Adhesive

Description:

NGAC TC907-40 is a thermally conductive and electrically insulating adhesive which can be cured at room temperature. It was designed for applications requiring the combination of excellent thermal transfer and flexibility.

Advantages and Applications:

NGAC TC907-40 provides strong and high impact bonds which improve heat transfer while maintaining electrical insulation. It bonds to a wide range of substrates including metals, glass and plastics. The NGAC TC907-40 has a low coefficient of thermal expansion and will provide excellent resistance to mismatched substrates and very low shrinkage. Additionally, the NGAC TC907-40 is easy to apply and is highly resistant to chemicals.

NGAC TC907-40 features the following characteristics that enable ease of use.

Properties:

	Typical Value
Color (Mixed)	Tan
Mixed Viscosity	15,000 cps
Specific Gravity	2.3
Mix Ratio by Weight (R/H)	100/38
Hardness Shore D	60
Operating Temperature:	-70 to +130°C
Thermal Conductivity, W/M/°K	83 E-02
Percent Solids	100%
Pot Life	3 Hours

Cure Schedule:

Temperature	25°C	65°C
Time	24 hours	2-4 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.