

## Tra-Con Tra-Bond 868-6N3 Room Temperature Cure Epoxy Adhesive

Category : Polymer , Adhesive , Thermoset , Epoxy

**Material Notes:**

TRA-BOND 868-6N3 room temperature cure epoxy is a thixotropic version of TRA-BOND 868-6N1 adhesive. This adhesive provides strong bonds to difficult-to-bond metals, such as gold, silver, copper, brass and solder. Information provided by Tra-Con Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Tra-Con-Tra-Bond-868-6N3-Room-Temperature-Cure-Epoxy-Adhesive.php](http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-868-6N3-Room-Temperature-Cure-Epoxy-Adhesive.php)

| Physical Properties | Metric   | English  | Comments |
|---------------------|----------|----------|----------|
| Viscosity           | 61000 cP | 61000 cP | Mixed    |

| Mechanical Properties  | Metric   | English  | Comments                |
|------------------------|----------|----------|-------------------------|
| Hardness, Shore D      | 85       | 85       |                         |
| Adhesive Bond Strength | 31.7 MPa | 4600 psi | Lap shear, alum to alum |

| Thermal Properties               | Metric   | English  | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 115 °C   | 239 °F   |          |
| Minimum Service Temperature, Air | -55.0 °C | -67.0 °F |          |

| Processing Properties | Metric                | English               | Comments |
|-----------------------|-----------------------|-----------------------|----------|
| Cure Time             | 15.0 min              | 0.250 hour            |          |
|                       | @Temperature 75.0 °C  | @Temperature 167 °F   |          |
|                       | 240 min               | 4.00 hour             |          |
|                       | @Temperature 25.0 °C  | @Temperature 77.0 °F  |          |
| Shelf Life            | 3.00 Month            | 3.00 Month            |          |
|                       | @Temperature -40.0 °C | @Temperature -40.0 °F |          |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Working Life minutes   | 15    | At 25°C  |

## Contact Songhan Plastic Technology Co.,Ltd.

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