

Tra-Con Tra-Bond 240-2 Polyurethane Adhesive

Category : Polymer , Adhesive , Thermoset , Polyurethane, TS

Material Notes:

TRA-BOND 240-2 polyurethane adhesive is a low outgassing polyurethane adhesive which meets the requirements of NASA specification SP-R-0022. Information provided by Tra-Con Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-240-2-Polyurethane-Adhesive.php

| Mechanical Properties | Metric | English | Comments |
|------------------------|----------|---------|-------------------------|
| Hardness, Shore A | 65 | 65 | |
| Adhesive Bond Strength | 4.14 MPa | 600 psi | Lap shear, alum to alum |

| Electrical Properties | Metric | English | Comments |
|-----------------------|----------------------|---------------------|----------|
| Volume Resistivity | 2.50e+14 ohm-cm | 2.50e+14 ohm-cm | |
| | 1.00e+12 ohm-cm | 1.00e+12 ohm-cm | |
| | @Temperature 85.0 °C | @Temperature 185 °F | |

| Processing Properties | Metric | English | Comments |
|-----------------------|-----------------------|-----------------------|-----------|
| Cure Time | 120 min | 2.00 hour | |
| | @Temperature 75.0 °C | @Temperature 167 °F | |
| | 180 min | 3.00 hour | |
| | @Temperature 60.0 °C | @Temperature 140 °F | |
| | 2880 min | 48.0 hour | tack free |
| | @Temperature 25.0 °C | @Temperature 77.0 °F | |
| | 10100 min | 168 hour | |
| | @Temperature 25.0 °C | @Temperature 77.0 °F | |
| Shelf Life | 6.00 Month | 6.00 Month | |
| | @Temperature -40.0 °C | @Temperature -40.0 °F | |

| Descriptive Properties | Value | Comments |
|------------------------|--------|----------|
| Color | Blue | |
| Outgassing, NASA | Passes | |
| Working Life hours | 2 | At 25°C |

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