

## Reltek BONDiT™ B-52 Adhesive, Sealant & Potting System

Category : Polymer , Adhesive , Thermoset

### Material Notes:

**Key Properties:** Outstanding for bonding dissimilar materials with high thermal expansion differential applications. Fast thermal cure, long pot life. **Ease of use.** **Applications:** Excellent for fast assembly of dissimilar materials with large differentials in thermal expansion, such as glass to acrylic. Bonds most plastics, metals, glass, and ceramics. Cure 10 minutes at 170°F.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Reltek-BONDiT-B-52-Adhesive-Sealant-Potting-System.php](http://www.lookpolymers.com/polymer_Reltek-BONDiT-B-52-Adhesive-Sealant-Potting-System.php)

| Physical Properties | Metric  | English | Comments |
|---------------------|---------|---------|----------|
| Viscosity           | 1500 cP | 1500 cP |          |

| Mechanical Properties      | Metric    | English    | Comments  |
|----------------------------|-----------|------------|-----------|
| Tensile Strength at Break  | 13.05 MPa | 1893 psi   | ASTM D638 |
| Tensile Strength, Ultimate | 13.11 MPa | 1902 psi   | ASTM D638 |
| Tensile Strength, Yield    | 13.11 MPa | 1902 psi   | ASTM D638 |
| Elongation at Break        | 8.2 %     | 8.2 %      | ASTM D638 |
| Elongation at Yield        | 8.2 %     | 8.2 %      | ASTM D638 |
| Tangent Modulus            | 927.0 MPa | 134400 psi | ASTM D638 |

| Processing Properties | Metric      | English     | Comments |
|-----------------------|-------------|-------------|----------|
| Pot Life              | 30 - 40 min | 30 - 40 min | Ambient  |

| Descriptive Properties | Value                   | Comments                   |
|------------------------|-------------------------|----------------------------|
| Color                  | Clear with slight amber |                            |
| Flexibility Ranking    | 3                       | 0=Rigid, 5=Highly Flexible |

## Contact Songhan Plastic Technology Co.,Ltd.

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