

## Reltek BONDiT™ B-46 Adhesive, Sealant & Coating System

Category : Polymer , Adhesive , Thermoset

**Material Notes:**

**Key Properties:** Excellent adhesion to low surface energy plastics without primer or surface preparation. **Applications:** Very high flexibility, 500% elongation, emphasizing high tack for un-abraded substrates and plastic films, including unetched Teflon. Excellent water and oil block for cable application. Ambient or thermal cure.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Reltek-BONDiT-B-46-Adhesive-Sealant-Coating-System.php](http://www.lookpolymers.com/polymer_Reltek-BONDiT-B-46-Adhesive-Sealant-Coating-System.php)

| Physical Properties | Metric   | English  | Comments |
|---------------------|----------|----------|----------|
| Water Absorption    | <= 1.0 % | <= 1.0 % |          |
| Viscosity           | 1500 cP  | 1500 cP  |          |

| Thermal Properties               | Metric   | English  | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 177 °C   | 350 °F   |          |
| Minimum Service Temperature, Air | -45.6 °C | -50.0 °F |          |

| Processing Properties | Metric                          | English                          | Comments           |
|-----------------------|---------------------------------|----------------------------------|--------------------|
| Cure Time             | 480 min                         | 8.00 hour                        | Ambient Set        |
|                       | 1440 min                        | 24.0 hour                        | Ambient, tack free |
|                       | 4320 min                        | 72.0 hour                        | Ambient, 95% cure  |
|                       | 240 min<br>@Temperature 93.3 °C | 4.00 hour<br>@Temperature 200 °F | 98% cure           |
| Pot Life              | 90 min                          | 90 min                           | Ambient            |

| Descriptive Properties         | Value                        | Comments                   |
|--------------------------------|------------------------------|----------------------------|
| Chemical & Moisture Resistance | 1                            | 0=Lowest, 4=Highest        |
| Color                          | Clear with haze/slight amber |                            |
| Flexibility Ranking            | 5                            | 0=Rigid, 5=Highly Flexible |

### Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

**Address : United North Road 215,Fengxian District, Shanghai City,China**