

## Master Bond EP27 Low Temperature Curing Two Component Epoxy

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy Adhesive

**Material Notes:**

Master Bond Polymer System EP27 is a unique two component epoxy formulation offers relatively fast cures at temperatures as low as 40°F and below, with curing times much shorter than currently existing products. Also EP27 feature remarkably high physical strength properties, superior chemical resistance and outstanding electrical insulation characteristics over a wide temperature range.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Master-Bond-EP27-Low-Temperature-Curing-Two-Component-Epoxy.php](http://www.lookpolymers.com/polymer_Master-Bond-EP27-Low-Temperature-Curing-Two-Component-Epoxy.php)

| Physical Properties | Metric               | English              | Comments |
|---------------------|----------------------|----------------------|----------|
| Viscosity           | 2100 - 2500 cP       | 2100 - 2500 cP       |          |
|                     | @Temperature 23.0 °C | @Temperature 73.4 °F |          |

| Thermal Properties               | Metric   | English  | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 121 °C   | 250 °F   |          |
| Minimum Service Temperature, Air | -51.1 °C | -60.0 °F |          |

| Processing Properties | Metric               | English              | Comments |
|-----------------------|----------------------|----------------------|----------|
| Cure Time             | 60.0 - 120 min       | 1.00 - 2.00 hour     |          |
|                       | @Temperature 93.3 °C | @Temperature 200 °F  |          |
|                       | 720 - 1440 min       | 12.0 - 24.0 hour     |          |
|                       | @Temperature 23.0 °C | @Temperature 73.4 °F |          |

| Descriptive Properties | Value                | Comments            |
|------------------------|----------------------|---------------------|
| Color Code             | "A" Clear; "B" Amber |                     |
| Mix Ratio By Weight    | 100/50               |                     |
| Set-Up Time, minutes   | 25-30                | At Room Temperature |

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

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