

## Master Bond MB300 Cyanoacrylate Adhesive System

Category : Polymer , Adhesive , Thermoset , Acrylic/Cyanoacrylate Adhesive

### Material Notes:

General purpose wicking grade, fills gap to 0.002 Information provided by Master Bond Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Master-Bond-MB300-Cyanoacrylate-Adhesive-System.php](http://www.lookpolymers.com/polymer_Master-Bond-MB300-Cyanoacrylate-Adhesive-System.php)

| Physical Properties | Metric               | English                   | Comments |
|---------------------|----------------------|---------------------------|----------|
| Density             | 1.05 g/cc            | 0.0379 lb/in <sup>3</sup> |          |
| Viscosity           | 2.0 - 3.0 cP         | 2.0 - 3.0 cP              |          |
|                     | @Temperature 23.0 °C | @Temperature 73.4 °F      |          |

| Mechanical Properties  | Metric   | English  | Comments    |
|------------------------|----------|----------|-------------|
| Hardness, Shore A      | 85       | 85       |             |
| Adhesive Bond Strength | 8.96 MPa | 1300 psi | ABS-ABS     |
|                        | 15.2 MPa | 2200 psi | Steel-Steel |

| Thermal Properties               | Metric   | English  | Comments |
|----------------------------------|----------|----------|----------|
| Maximum Service Temperature, Air | 90.6 °C  | 195 °F   |          |
| Minimum Service Temperature, Air | -51.1 °C | -60.0 °F |          |

| Optical Properties | Metric | English | Comments |
|--------------------|--------|---------|----------|
| Refractive Index   | 1.45   | 1.45    |          |

| Electrical Properties | Metric             | English            | Comments |
|-----------------------|--------------------|--------------------|----------|
| Dielectric Constant   | 3.7                | 3.7                |          |
|                       | @Frequency 1000 Hz | @Frequency 1000 Hz |          |

| Processing Properties | Metric     | English    | Comments |
|-----------------------|------------|------------|----------|
| Shelf Life            | 12.0 Month | 12.0 Month | 35-45°F  |

| Descriptive Properties | Value       | Comments            |
|------------------------|-------------|---------------------|
| Color                  | Transparent |                     |
| Set-Up Time, minutes   | 0.083-0.33  | At Room Temperature |

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

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