

Renegade Materials Corporation RM-3006 Bismaleimide (BMI) Paste Adhesive

Category : Polymer , Thermoset , Filled/Reinforced Thermoset

Material Notes:

Developed using state-of-the-art formulating technologies, RM-3006 BMI Paste Adhesive is a -65°F to 400°F (-54°C to 204°C) service material. RM-3006 was developed for use with Renegade's BMI Prepregs and Infusion Resins as well as other industry standard BMI systems and metals. Information provided by Renegade Materials Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Renegade-Materials-Corporation-RM-3006-Bismaleimide-BMI-Paste-Adhesive.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|------------------|
| Density | 1.21 g/cc | 0.0437 lb/in ³ | Resin; ASTM D790 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|----------------------|----------------------|----------------------------|
| Hardness, Shore D | 88 | 88 | ASTM D2240 |
| Compressive Strength | 0.00758 MPa | 1.10 psi | Dry; ASTM D695 |
| | @Temperature 177 °C | @Temperature 350 °F | |
| Shear Strength | 0.159 MPa | 23.0 psi | Dry; ASTM D695 |
| | @Temperature 21.1 °C | @Temperature 70.0 °F | |
| Shear Strength | 6.10 MPa | 885 psi | Lap Shear, Dry; ASTM D1002 |
| | @Temperature 177 °C | @Temperature 350 °F | |
| Shear Strength | 13.77 MPa | 1997 psi | Lap Shear, Dry; ASTM D1002 |
| | @Temperature 21.1 °C | @Temperature 70.0 °F | |

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