

Renegade Materials Corporation RM-3000 Bismaleimide (BMI) Resin

Category : Polymer , Thermoset , Filled/Reinforced Thermoset

Material Notes:

Developed using state-of-the-art formulating technologies, RM-3000 One Part BMI RTM Resin delivers superior hot/wet performance in airframe, missile and propulsion applications at service temperatures up to 400°F. RM-3000 resin delivers improved damage tolerance at higher temperatures vs. industry-standard BMI resins. RM-3000 resin can be injected into a variety of woven and non-crimp fabrics as well as braids and complex engineered preforms. Renegade also offers a similar resin system for Vacuum Assisted RTM (VARTM) processing to support molding of larger parts called RM-3010 and an autoclave prepreg version called RM-3002. Information provided by Renegade Materials Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Renegade-Materials-Corporation-RM-3000-Bismaleimide-BMI-Resin.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	Resin

Mechanical Properties	Metric	English	Comments
Elongation at Break	4.0 %	4.0 %	Resin, RT, Dry
Flexural Strength	145 MPa	21000 psi	Resin
Flexural Modulus	4.27 GPa	620 ksi	Resin

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	247 °C	477 °F	Wet
	282 °C	540 °F	Dry

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