

HTA® 512

Maleic Anhydride Grafted Polymer

Cytec Industries Inc.

Message:

HTM® 512 series tooling prepregs are bismaleimide (BMI) systems specifically formulated for the manufacture composite tooling operating at high temperatures. After full post-cure, HTM512 series tooling prepregs demonstrate resistance to thermal cycling up to 250°C (482°F).

| General Information | | |
|-------------------------------|--------------------------------------------------------|-------------------|
| Filler / Reinforcement | Carbon Fiber | |
| Features | Autoclavable | |
| | High Flow | |
| | High Heat Resistance | |
| Uses | Tooling | |
| Forms | 2x2 Twill Prepreg | |
| | 4x4 Twill Prepreg | |
| | Fabric | |
| Physical | Nominal Value | Unit |
| Specific Gravity ¹ | 1.25 | g/cm ³ |
| Thermal | Nominal Value | Unit |
| CLTE - Flow ² | 2.9E-6 | cm/cm/°C |
| NOTE | | |
| 1. | Cured resin | |
| 2. | 6 hours at 190°C (374°F) + 8 hours at 240°C (464°F) | |

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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