

# TECHNICAL BRIEF

The One-Source Solutions Provider  
DESIGN | FORMULATE | COMPOUND | MOLD | FINISH  
Thermoset Composites

## Wind Power Applications

*Mar-Bal's BMC Thermoset Composites can deliver quality products for any challenge including electrical, chemical, flame, humidity, heat and stress.*



Mar-Bal's material engineering team can customize a material to fit your application and exact specification. Our engineered composite materials, including UL® recognized formulations, have excellent performance characteristics which make them well suited for Wind Power Applications.

Mar-Bal's mechanical engineering team can design a custom part to meet demanding and hostile environments. The designs will maximize molded dimensional accuracy, deliver tight tolerances, have excellent strength to weight ratios and provide cost savings due to part consolidations.



Headquartered in Chagrin Falls, Ohio, Mar-Bal is a compounder and molder of thermoset composite products. Since 1970, Mar-Bal has engineered and manufactured quality, customized materials and parts. Mar-Bal serves the appliance, electrical and industrial marketplaces from its four facilities in North America and its Asia Sales Office located in Shanghai, China.

Mar-Bal, an ISO 9001:2008 registered company, has a portfolio of brands and proprietary products, and continues to develop innovative products while maintaining a commitment to client satisfaction and total value.

Contact Mar-Bal today and learn how thermoset composites can be a solution for you.

For more information about capabilities and other innovative solutions including injection, compression and transfer molding of BMC, SMC, polyester, phenolics and epoxy, contact Mar-Bal.

**440-543-7526**    [mar-bal.com](http://mar-bal.com)  
Appliance | Electrical | HVAC  
Lighting | Transportation | Industrial

**Thermoset Composites have high performance at elevated temperatures including:**

**Creep Resistance**  
**Mechanical Property Retention**  
**Superior Thermal Stability**

**Thermoset Composites are:**

**Light Weight**  
**UV Resistant**  
**Corrosion and rust proof**

**Thermoset Composites have excellent mechanical properties including:**

**High Impact Strength**  
**Good Flexural modulus**  
**Tensile Strength**  
**Very High Compression Strength**



*Mar-Bal composites provide part strength, UV resistance and durability in demanding environments.*



Many Mar-Bal formulations and products are tested to and listed with UL® for Fire and Electrical Safety Standards.

**OHIO PLANT**  
16930 Munn Road  
Chagrin Falls, OH 44023  
Phone: 440-543-7526  
Fax: 440-543-4374

**VIRGINIA PLANT**  
5400 Reserve Way  
Dublin, VA 24084  
Phone: 540-674-5320  
Fax: 540-674-5328

**MISSOURI PLANT**  
101 Commerce Drive  
Cuba, MO 65453  
Phone: 573-885-4064  
Fax: 573-885-4555

**R&D TECHNICAL CENTER**  
10095 Queens Way  
Chagrin Falls, OH 44023  
Phone: 440-543-7526  
Fax: 440-543-4374

**ASIA SALES OFFICE**  
No. 1050 Wuzhong Rd.  
Shanghai, China 201103  
Phone: 86 21 6406 1832  
Fax: 86 21 6406 1833

**MBI**  
**MAR-BAL**  
INCORPORATED  
[mar-bal.com](http://mar-bal.com)