

Globe Composite Solutions, Ltd.
Material Application Data Worksheet

Company name:

Address:

Contact name, title:

Telephone number:

Fax number:

E-mail address:

Summary of application:

(Describe application needed and technology area, e.g. oilfield down hole, deep ocean, industrial/manufacturing, consumer product)

Development Timetable:

(Describe timetable for when product is needed or maximum allowable development time)

Basic purpose or function of component:

(Describe how the part or component will function and in what type of operating environment)

Material requirements for this application:

(Characterize the key requirements in the material or application, e.g. high strength/stiffness, high dynamic loading, compliance/vibration dampening, high/low temperature resistance, chemical resistance)

Part Configuration and Service Life for this application

(Describe dimensions, volume, anticipated service life and include drawings, if available, by e-mailing to: info@globecomposite.com)

Replacement of material in existing application:

(Describe current material(s) used, its cost, reason for change and whether there is an opportunity for design changes to accommodate new material)

PLEASE FAX TO: GLOBE COMPOSITE SOLUTIONS, LTD. at 781-871-6631

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Estimated Volumes and Costs:

(Describe the present pricing structure on the existing application, and estimate how much the company would be willing to spend on development of this new application. Please specify anticipated unit volumes by quarter)

Mechanical Specifications:

(Specify desired material mechanical properties as appropriate, if known)

Minimum tensile strength (psi/ksi): _____

Minimum elongation (%): _____

Minimum flexural/shearing strength (psi/ksi): _____

Minimum compressive strength (psi/ksi): _____

Maximum allowable compression set (%): _____

Izod energy (ft-lb/in at °F): _____

Thermal Specifications:

(Specify desired material thermal properties as appropriate, if known)

Maximum/minimum design operating temperature (°F): _____

Maximum/minimum thermal conductivity (Btu-in/hr-ft²-°F): _____

Maximum permissible coefficient of thermal expansion (in/in-°F): _____

UL fire resistance classification: _____

Chemical Specifications:

(Specify desired material chemical properties, minimum/maximum pH of operating environment as appropriate, if known)

Electrical Specifications:

(Specify desired material electrical properties as appropriate, if known)

Minimum dielectric strength (kv/mil): _____

Volume resistivity (ohm-cm): _____

Other Comments:

(Describe special circumstances or include company information such as size, time in business, types of services or products)

Person submitting:

Globe Composite Solutions, Ltd.
254 Beech Street
Rockland, MA 02370-0183

Submission date:

781-871-3700
www.globecomposite.com
info@globecomposite.com

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