

Aerospace Composite Materials

A large, stylized lightning bolt graphic in shades of gray and black, pointing downwards from the top right towards the bottom left, serves as a background for the main text.

777 & 787 Prepreg
Carbon Fiber | Fiberglass

Small Quantity Supplier:

TORAY

Toray Composite Materials America, Inc.

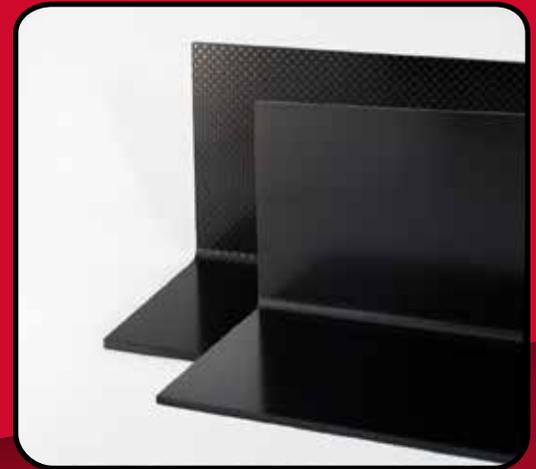


Toray Prepregs

The Toray 3900-series prepregs are highly-toughened 350°F (177°C) cure systems. It is available in a variety of configurations, including unidirectional tape for manual or automated tape laying applications, slit-tape-tow for automated fiber placement applications, and plain-weave carbon and glass fabrics.

These prepreg materials are used in multiple applications, including aircraft primary structures.

As a Authorized Small Quantity Supplier, Heatcon offers this material in carbon fiber and fiberglass options.



Carbon & Fiberglass Prepreg

KEY FEATURES

- Uniform resin content and no-bleed resin system
- Highly toughened system providing excellent impact resistance
- High TG (hot/wet and dry) resin system suitable for primary aircraft structure applications
- Mechanical working life of product is over 40 days, allowing for lay-up of large parts
- High strength fiber is combined with particulate interlayer toughening to reduce delamination and increase fracture toughness, impact resistance, and environmental resistance

TECHNICAL SPECIFICATIONS

Part Number	Specification	Description	Type	Class	Style
HCS2400-series	BMS8-276	Toray Carbon Fiber Prepreg	35 / 40	2 / 2A / 5 / 6 / 10 / 11	6K-70-PX / 6K-70-PW 12K-70-PW / GR 190 6K-70-PW-PB4
HCS2401-076	BMS8-331	Toray Fiberglass Prepreg	42	1	N/A

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