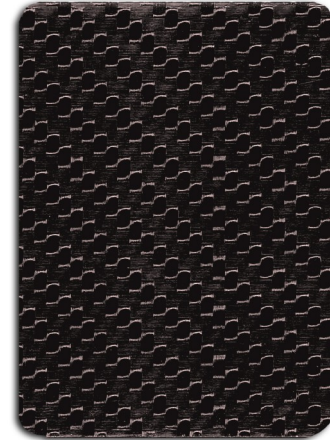
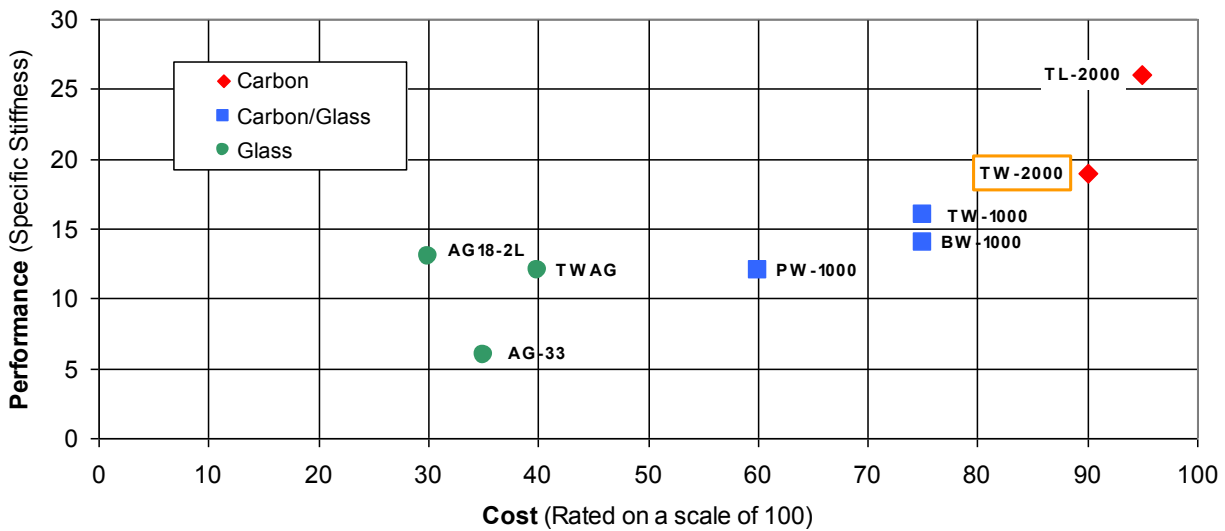


TW-2000

Carbon fiber weave to provide enhanced performance, support and protection.



PERFORMANCE versus COST



- Twill weave of 12K carbon fibers
- Bi-directional carbon reinforcement
- Highest mechanical properties of our TW fabrics
- Lightweight, thin single layer
- Available in natural carbon fiber

TW-2000

PRODUCT INFORMATION SHEET

Continuous fiber reinforced thermoplastic (CFRT[®]) composite, blends the benefits of a thermoplastic polymer alloy with woven carbon fibers for enhanced performance.

The TW-2000 is a single layer product, ultra thin, lightweight, and resilient for improved energy return.

COMPOSITION

Fibers: Woven 12K carbon fibers - twill weave, carbon fiber reinforcement at 0° and 90° orientations

Resin: PMMA impact modified proprietary thermoplastic resin.

PHYSICAL ATTRIBUTES

Thickness: 0.69 mm nominal

Color: Natural (carbon)

Size: Cut to customer specifications from sheet of 91 x 122 cm

TW-2000 MATERIAL PROPERTIES

Specific Gravity

1.44

Flexural Rigidity

N-cm² 3.2

Flexural Strength

Mpa 570

Flexural Modulus

Gpa 19.0

Recommended Processing Temperature

Forming 195°C to 200°C

Bonding 55°C to 60°C
