

PYROFIL™ TR 30S 1L: TR Series 1K Fiber

“Think Lighter, Design Finer.”

TR 30S 1L brings the precision of a 1K carbon fiber tow to the trusted TR Series

Finer Tow. Greater Precision. New Design Possibilities.

Designed for ultra-light fabrics and ultra-thin prepregs, its fine tow supports greater flexibility in fiber architecture and component design.

TR 30S 1L helps engineers explore new possibilities in compact, thin, and weight-sensitive composite structures.

Backed by the proven quality and handling characteristics of TR Series, it offers a familiar and reliable path to finer composite designs.

Key Benefits

- Fine 1K tow for precision composite design
- Designed for excellent tow spreadability
- Enables ultra-light and ultra-thin fabrics and their prepregs
- Greater design flexibility for thin and intricate structures

Potential Applications

- Thin and intricate composite structures
- Small, lightweight structural components
- Precision sporting and industrial applications

Typical Fiber Properties (Tentative)

Filament Count	Filament Diameter	Tensile Strength	Tensile Modulus	Yield	Density
	μm	GPa	GPa	mg/m	g/cm ³
1,000	7	3.60	235	67	1.79

Values and product characteristics for development products may change. Information shown is for reference only and is not guaranteed.

