



# 碳纖維拉擠碳板 台麗碳絲 TC35R

## Pultruded Carbon Profile - TAIRYFIL TC35R

- **Advantage**
- Low Fuzz and Excellent Pultrusion Process.

### General Description

Type	Grade	Application	Characteristics
(Pultrusion)	TC35R	Wind Power Blade Carbon Profile	High Stiffness and Dimensional stability

- Carbon fibers show high strength and modulus.  
Utilizing the high modulus property of carbon fibers, the length of wind power blades can exceed 40 meters, upgrade the power generation efficiency.
- Good Dimensional stability - Large size Wind Blade Carbon Plate and high resistance to deformation.

### Properties Data Sheet

Properties	Unit	Test Method	TC35R
Tensile Strength	MPa	ASTM 4018	4000
Tensile Modulus	GPa	ASTM 4018	240
Elongation	%	ASTM 4018	1.8
Density	g/cm <sup>3</sup>	JIS 7601	1.8
Filament Diameter	μm	-	7

TC35R is available in 12k, 24k and 48k. Generally 48k is used for wind energy applications



The details given in this data sheet are our standard value but not specification guaranteed

Contact sales@sagezander.com for more information

