

UT1000 DATA SHEET

FIBER PROPERTIES

Fiber	Result	Test method
Tensile Strength	6300 MPa/ 915Ksi	ASTM D3039
Tensile Modulus	310GPa/ 45.0Msi	ASTM D3039
Stain	1.8%	ASTM D3039
Density	1.8 g/cm ³	ASTM D3800
Filament Diameter	5 μm	
Yield (12K/ 24K)	420g/1000m; 850g/1000m	
Sizing Type	Epoxy	
Sizing Amount	1.2%	

PACKING

The table below summarizes the standard packaging.

Tow size	Bobbin net weight (kg)	Spools per case	Case net weight (kg)
24K	2/ 4	6	12/24
12K	2	6	12

STORAGE

The recommended storage of the product temperature is between 20-30°C (68°F-86°F), the humidity is between 60-70%, and it can be stored for 24 months.

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