

# 819

## Direct roving for pultrusion and winding

### Product description

819 is direct roving for pultrusion to produce tent poles, characterized by excellent resin compatibility, fast and thorough impregnation, and outstanding mechanical properties of the final product. It is primarily suitable for unsaturated polyester resins, vinyl ester resins, and more, and can be used to produce woven tubes, fan ribs, tent poles, and other applications.



## Product features

Item	Linear density variation	Moisture content	Sizing content	Breakage strength
Unit	μm	%	%	(N/tex)
Test method	ISO 1889	ISO 3344	ISO 1887	ISO 3341
Standard range	± 5	≤0.10	0.60±0.20	≥0.35

## Technical Parameters

- 1.It features high wear resistance and high breaking strength, ensuring long-lasting durability and minimal wear and tear.
- 3.Good mechanical properties of parts.

- 2.Good wear resistance, low secondary weaving fuzz, and smooth performance, which can reduce interference during the production process.
- 4.Excellent corrosion-resistant chemical properties.