

# 818

## Direct roving for winding and pultrusion

### Product description

818 is a versatile roving for winding and pultrusion applications, primarily suitable for reinforcing unsaturated polyester resins, vinyl resins, and epoxy resins. It is characterized by stable linear density, high filament strength, excellent heat resistance, good wear resistance, and low fuzz. The resulting products exhibit high mechanical strength, making it ideal for manufacturing various fiberglass products such as pipes and low-pressure vessels.



## 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	± 4	≤0.10	0.35~0.65	≥0.30

## Technical Parameters

1. Stable linear density and high filament strength.
2. Efficient process with high performance.
3. High temperature resistance, good wear resistance, low fuzz.
4. Fast wet out, good compatibility with resin.
3. Good mechanical properties of parts.