

850

Direct Roving for Epoxy Filament Winding



Product description

850 is an alkali-free direct roving for epoxy filament winding, manufactured using ECR glass. It offers excellent wetting properties, ensuring full compatibility with epoxy resin. The resulting composite exhibits high mechanical strength, superior electrical insulation, and outstanding fatigue resistance, making it ideal for applications such as insulating hollow tubes and reactors.



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	0.55±0.20	≥0.40

Technical Parameters

- 1.Suitable for high-speed, high-tension winding processes.
- 2.Excellent electrical insulation properties and high mechanical strength.
- 3.Excellent chemical corrosion resistance.