

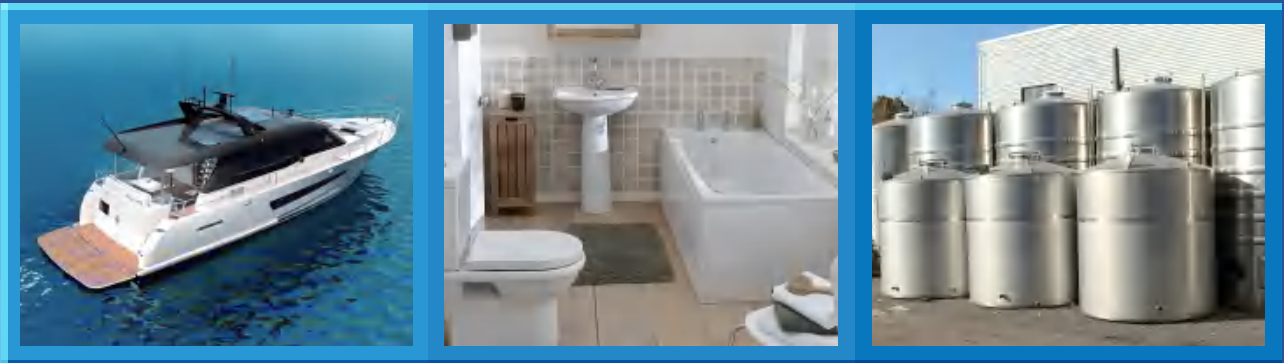
270

Assembled Roving for Spray-up



Product description

270 is designed for spray-up molding processes. It consists of continuous untwisted roving strands, compatible with mechanical chopping spray equipment. The product enables rapid chopping and mixing with resin for efficient spray-up applications. Suitable for spray-up and centrifugal casting processes, it is ideal for manufacturing products such as boats, bathroom fixtures, storage tanks, and automotive components.



Product features

Item	Linear density variation	Moisture content	Sizing content	Stiffness
Unit	μm	%	%	(mm)
Test method	ISO 1889	ISO 3344	ISO 1887	ISO 3341
Standard range	2400±120	≤0.10	1.0±0.15	130±20

Technical Parameters

1. Excellent Chopping & Dispersion: optimal stiffness ensures smooth cutting and no clumping. Disperses rapidly into individual filaments or small bundles under high-pressure airflow, achieving a high degree of fiber separation.
2. Fast Resin Wet-Out: sizing agent offers excellent resin compatibility, enabling rapid wet-out with minimal bubbles and strong interfacial bonding.
3. Excellent Mold Conformity & Processability: Lays flat with low static charge. Adheres to vertical surfaces without spring-back during spray-up. Easy to roll out for de-airing. Suitable for high-speed manual or robotic spraying.
4. Stable Mechanical Properties: Retains high strength and modulus of glass fiber. Ensures uniform longitudinal and transverse strength in finished products. Provides excellent impact resistance, crack resistance, and aging resistance.
5. Wide Compatibility: works with major thermosetting resins and suits various spray equipment and molding applications.