

TURBOSTRAND® 4870 SINGLE-END ROVING

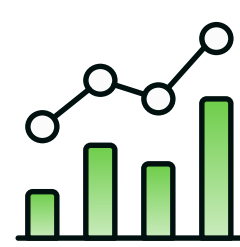
Redefine LFT productivity



Type 30® Turbostrand® 4870 single-end roving represents a compelling solution for compounders seeking improved productivity through increased line efficiency and increased line speed (LFT).

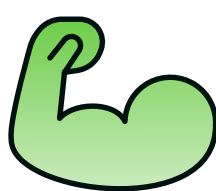
-  Produced with patented Advantex® corrosion-resistant E-CR glass.
-  Compatible with Polyolefins: PP, PE, and HDPE resin systems.

Product Benefits



Improved Productivity

- Improved production capacity: the LFT line speed can be increased up to 50% while retaining the same impregnation level and maintaining optimal pellet quality
- Improved resistance to fuzz generation for easier processing and less downtime for clean-up



Superior Glass Dispersion And Increased Part Strength

- Outstanding compatibility with Polyolefins, enabling superior wet-out and uniform glass dispersion
- Optimized adhesion to the polymer matrix offering excellent mechanical properties to meet stringent end-use requirements.



Enhanced Service Life

- Compared to standard E-glass, Advantex® glass helps with enhanced service life in applications facing corrosion

Application

Turbostrand® 4870 product is designed for use in Polypropylene and other Polyolefins in the following processes: Long Fiber Thermoplastic Granulate (LFT-G) for Pultrusion Process, Continuous Fiber Reinforced Thermoplastic (CFRT) for Tapes, for the manufacturing of structural and semi-structural automotive applications including front-end modules, seat carriers and door modules as well as a variety of consumer goods, appliances and power tools.

Availability & Technical Characteristics

TEX	YIELD	FILAMENT DIAMETER (µm)	LOSS ON IGNITION (%)	MOISTURE (% MAX)	MANUFACTURING REGION
1200	413	17	0.45%	0.05%	Europe
2400	207	17	0.45%	0.05%	Europe

Packaging

PALLET DIMENSIONS						
PACKAGING	PALLET HEIGHT (CM)	PALLET LENGTH (CM)	PALLET WIDTH (CM)	PALLET WEIGHT (NET, KG)	PACKAGES PER PALLET	NUMBER OF LAYERS
Bulk Pack	~ 130	130	100	~ 1200	48	4
Creel-Pak®	~ 130	130	100	~ 1200	48	4

Package size will vary by region.

Labeling

Each individual package is labeled with information including: product name, tex/yield, producing plant, and production date.

Storage

Unless otherwise specified, it is recommended that glass fiber products be stored in a cool, dry area. Recommended long-term storage conditions are temperatures between 10°C and 35°C and relative humidity between 35% and 85%. While temporary deviations may occur during storage or transportation, product performance can be confirmed through routine verification testing if exposure outside these conditions has occurred for an extended period. Glass fiber products should remain in their original packaging until the point of use. To help prevent condensation, keep product in its original, unopened packaging and allow it to naturally acclimate to the workshop temperature for at least 24 hours before opening or use. Packaging is not waterproof and should be protected from weather and other sources of moisture. Although fluctuations may occur during transportation, handling, and temporary storage, products should be maintained within the recommended storage ranges after receipt to help preserve product performance. A defined shelf life has not been established for the product when stored under recommended conditions. However, retesting is recommended after three years from the date of manufacture to help ensure optimum performance.

MAKE
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