



TURBOSTRAND™ 4895

EXCELLENT DISPERSION FASTER LINE SPEEDS

TurboStrand™ 4895 single-end Type 30™ roving represents a compelling solution for compounders seeking improved productivity through increased line speed and excellent dispersion.

- Produced with Advantex® corrosion-resistant E-CR glass by Owens Corning.
- Compatible with polyolefins: PP, PE, and HDPE resin systems.

Product Benefits

Excellent Dispersion

- Outstanding compatibility with polyolefins, enabling better wet-out and uniform glass dispersion.

Improved Manufacturing Productivity

- Over 30% line speed increase and contributes to lower unit cost for compounders.

Multi-Process Compatible

- Optimal adhesion to the polyolefin resin matrix provides excellent dry-as-molded mechanical properties.

Enhanced Service Life

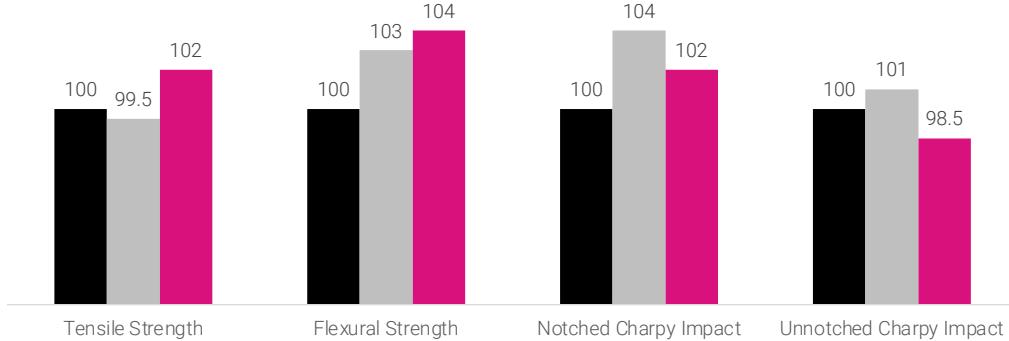
- Advantex® glass helps fight corrosion, enhancing service life compared to standard E-glass.

Application

TurboStrand™ 4895 is an advanced member of the Type 30™ roving family and specially designed for polypropylene long-fiber thermoplastic applications with LFT-G, D-LFT, and CFRT for the manufacturing of structural and semi-structural automotive applications, including front-end modules, seat carriers, and door modules of both oil-fueled vehicles and electric vehicles. TurboStrand™ 4895 is also optimized for use in CFRT tapes for structural applications where the performance characteristics of a continuous unidirectional glass reinforcement can significantly improve end-use performance.

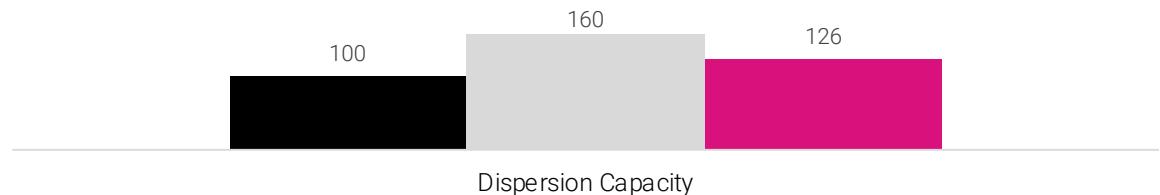
Technical Characteristics

- OC Standard Product at 20 m/min Line Speed
- TurboStrand™ 4895 at 20 m/min Line Speed
- TurboStrand™ 4895 at 30 m/min Line Speed



Note: Data generated with 50% GF and normalization with OC Standard Product as baseline.

Dispersion



Note: Data generated by counting the un-dispersion fiber number in 10 LFT molded plates and normalization with OC Standard Product as baseline; higher number means better dispersion.

Availability (Standard Reference)	TEX	YIELD	FILAMENT DIAMETER (μ)	LOSS ON IGNITION (%)	MOISTURE (% MAX)	MANUFACTURING REGION
	2400		17	0.35%	0.05%	Asia Pacific
	1200		17	0.35%	0.05%	Asia Pacific

Packaging and Palletization (Standard Reference)	PALLET DIMENSIONS						
	PACKAGING	PALLET HEIGHT (CM)	PALLET LENGTH (CM)	PALLET WIDTH (CM)	PALLET WEIGHT (NET, KG)	PACKAGES PER PALLET	NUMBER OF LAYERS
	No Tube	~125	115	115	~1,200	64	4
	No Tube	~97	115	115	~900	48	3
	Thicker Tube	~100	115	115	~900	48	3
	PACKAGE DIMENSIONS						
	PACKAGE HEIGHT (CM)	PACKAGE OUTSIDE DIAMETER (CM)	PACKAGE INSIDE DIAMETER (CM)		PACKAGE WEIGHT (KG, WEIGHT% IN PALLET)		
	<28.0	<30.0	>16.2 (no tube) / ~16.2 (thick tube)		16~20 (70%)	10~16 (25%)	5~10 (5%)

Labeling	Each individual package is labeled with information including product name, tex/yield, producing plant, and production date.
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Storage	Unless otherwise specified, it is recommended to store glass fiber products in a cool, dry area. The glass fiber products must remain in their original packaging material until the point of usage. The product should be stored in the workshop in its original packaging for 48 hours prior to its utilization, to allow it to reach the workshop temperature condition and prevent condensation, especially during the cold season. The packaging is not waterproof. Be sure to protect the product from the weather and other sources of water.
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When stored properly, there is no known shelf life to the product, but retesting is advised after three years from the initial production date to ensure optimum performance.



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