

SE4849

SINGLE-END ROVING

Faster line speeds and higher glass loadings



Type 30® SE4849 single-end roving represents a compelling solution for Compounders seeking improved productivity through increased line speed, and the potential for higher glass loadings made possible with excellent dispersion.

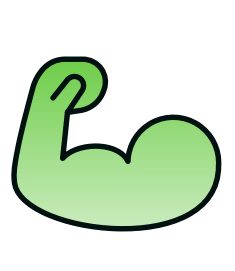
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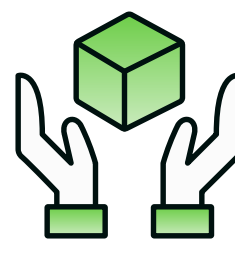
Produced with patented Advantex® corrosion resistant E-CR glass.
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Compatible with Polyolefins: PP, PE and HDPE resin systems.

Product Benefits

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Enhanced Service Life
 - Advantex® glass helps fight corrosion, enhancing service life compared to standard E-glass.
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Improved Splice Strength
 - Increased splice tensile strength improves package to package transfer efficiency.
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Superior Glass Dispersion And Increased Part Strength
 - Outstanding compatibility with Polyolefins, enabling better wet-out, uniform glass dispersion and potentially higher glass loading.
 - Optimized adhesion to the polymer matrix offering excellent mechanical properties to meet stringent end-use requirements.

Application

SE4849 product is designed for use in LFT-G (pellets) Polyolefin (primarily PP) hot-melt compounding processes 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. SE4849 is also optimized for use in CFRT (Continuous Fiber Reinforced Plastic) tapes for structural applications where the performance characteristics of a continuous unidirectional glass reinforcement can significantly improve end-use performance.

Availability & Technical Characteristics

TEX	YIELD	FILAMENT DIAMETER (µm)	LOSS ON IGNITION (%)	MOISTURE (% MAX)	MANUFACTURING REGION
1100	450	16	0.55%	0.05%	Americas
1200	450	17	0.55%	0.05%	Europe
2200	225	16	0.60%	0.05%	Americas
2400	207	17	0.40%	0.05%	Americas, Europe, Asia Pacific
4400	113	23	0.40%	0.05%	Americas
4800	103	24	0.40%	0.05%	Asia Pacific

Packaging

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	~ 1200	64	4
No Tube	~ 97	115	115	~ 900	48	3
Thicker Tube	~ 200	115	115	~ 900	48	3

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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POSSIBLE™

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