

SE 4220 SINGLE-END ROVING

**Versatile performance
across LFT processes**



Type 30® SE 4220 single-end roving made with Advantex® glass is engineered for long fiber thermoplastic applications. Designed for polypropylene and polyethylene systems, it delivers reliable processing performance in pultrusion pellet production and direct long fiber thermoplastic (D-LFT) processes while supporting semi-structural automotive applications.

✓ Optimized for polypropylene and polyethylene systems

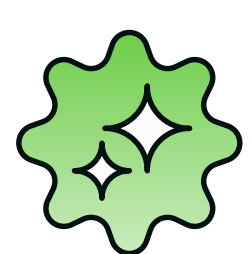
✓ Suitable for semi-structural automotive applications

✓ Designed for LFT pultrusion and D-LFT processing

✓ Approved for food-contact applications

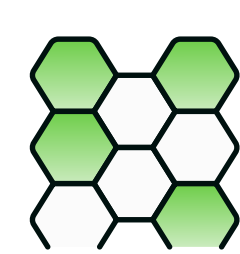
FOR LONG FIBER THERMOPLASTIC REINFORCEMENT

Product Benefits



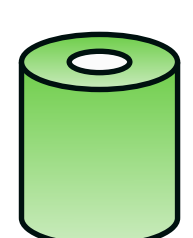
Optimized For Polyolefins

Specifically engineered for excellent compatibility with polypropylene (PP) and polyethylene (PE).



Designed For LFT Processing

Supports efficient production in pultrusion pellet manufacturing and D-LFT processes.



Improved Production Efficiency

Internal pull configuration enables Creel-Pak® packaging for streamlined material handling and productivity.



Application Versatility

Suitable for semi-structural automotive parts and food-contact applications.

Application

SE 4220 is in use within the Automotive industry, specifically for parts requiring semi-structural properties. SE 4220 is also approved for use in parts in contact with food.



Technical Characteristics

Product has been designed in order to help reinforced plastics to comply with hereunder food contact norms.
For more detailed information and relative conditions of applicability, please refer to our official statements.

FOOD CONTACT	NORM
	EU 10/2011
	FDA

Availability & Packaging

PRODUCT	FILAMENT DIAMETER (µm)	LINEAR DENSITY TEX (g/km)	LINEAR DENSITY YIELD (yd/lb)
SE 4220	17	2400	207

Standard packaging of SE 4220 consists of a 1280 mm x 1000 mm x 1200 mm (50.4 in x 39.4 in x 47.2 in) (L x w x h) pallet from where 12 strands of fibreglass are ready to be used as a creel for feeding the LFT production line.

For improved productivity the rovings inside this Creel-Pak® are spliced together enabling a bobbin-to-bobbin transfer hence reduced bobbin handling as well as a better safety for the operators.

Packaging is composed of 48 bobbins distributed on 4 layers (12 bobbins per layer) and its net weight is around 1150 kg (2535 lb).

Please contact us for possible other types of packaging.

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.

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