Original Composites & Fiberglass

CS 183F-11C

Engineered for ABS and styrenic reinforcement

CS 183F-11C is a chopped strand engineered for reinforcing ABS, styrenics, PBT, and ABS blends. Its advanced sizing technology delivers outstanding impact resistance, excellent dispersion, and reliable performance across a broad range of engineering and consumer applications. CS 183F-11C is produced with patented Advantex® corrosion resistant E-CR glass.

- Designed to reinforce ABS, styrenics, PBT, and ABS blends with PC, PBT, and PET.
- Advanced sizing technology provides excellent colour in natural compounds and compatibility with flame-retardant formulations.
- Delivers outstanding dry mechanical properties with excellent impact resistance after moulding.
- High dispersibility ensures consistent reinforcement and reliable composite performance.

CHOPPED STRAND FOR STYRENICS & BLENDS

Product Benefits

Outstanding Impact Performance

Provides excellent dry mechanical properties with high impact resistance for demanding applications.

Broad Resin Compatibility

Designed for ABS, PBT, styrenics, and engineering resin blends, offering excellent adhesion across multiple matrices.

Superior Dispersion And Appearance

Excellent dispersibility promotes uniform reinforcement while maintaining light colour in natural-grade compounds.

Versatile Across Industries

Suitable for automotive, electrical & electronics, IT equipment, and consumer goods applications.

Application

CS 183F-11C is engineered for compounding and injection moulding processes, delivering reliable reinforcement for automotive, electrical & electronics, IT equipment, and consumer goods applications.

Technical Characteristics

PRODUCT	FIBRE DIAMETER (µm)	FIBRE LENGTH (mm)	SOLID CONTENT (%)	MOISTURE CONTENT (%)
CS 183F-11C	11	4	0.7	Max. 0.02

Availability & Packaging

Standard packaging consists of a 1000 kg polypropylene bag with bottom discharge (1 bag per pallet). Packaging in smaller quantities is available upon request.

Labeling

Each individual package is labeled with information including: product name, 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 MORE POSSIBLE™

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