

CS 108F-14P

Engineered for low glass content PC compounds



CS 108F-14P is a chopped strand engineered for reinforcing low glass fibre content polycarbonate compounds while also delivering excellent compatibility with PVC resins. Its advanced sizing technology provides outstanding dispersion, dimensional stability, colour performance, and efficient processing. CS 108F-14P is produced with patented Advantex® corrosion resistant E-CR glass.

- ✓ Specifically designed for reinforcing polycarbonate (PC) compounds with low glass fibre loading (5–15%).
- ✓ Compatible with PVC resins, providing versatile performance across multiple compound formulations.
- ✓ Advanced sizing technology delivers excellent dispersion, dimensional stability, mechanical performance, and colour consistency.
- ✓ High strand integrity and bulk density enable efficient feeding with reduced fuzz generation during processing.

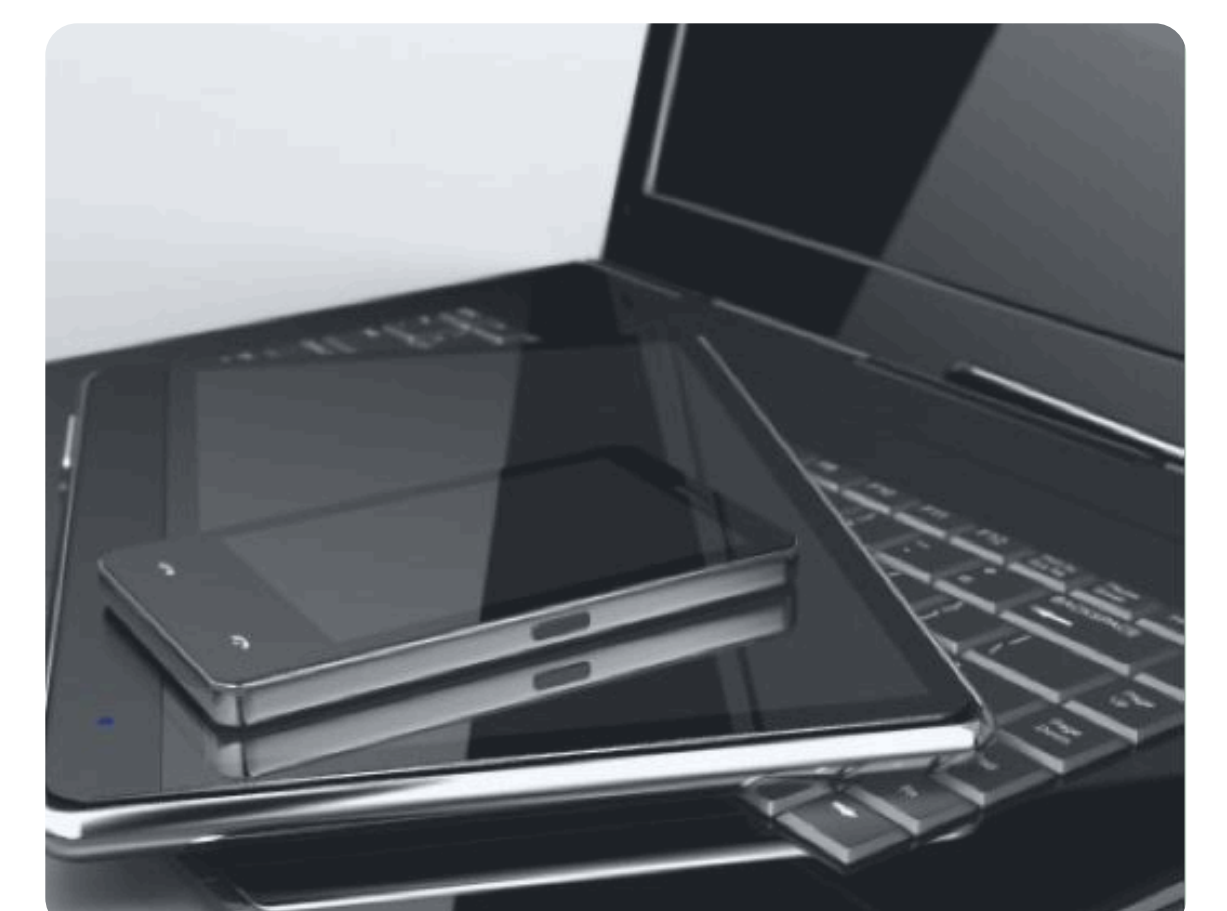
CHOPPED STRAND FOR POLYCARBONATE AND PVC REINFORCEMENT

Product Benefits

-  **Optimized For Low Glass Loadings**
Delivers outstanding mechanical performance and dimensional stability in PC compounds containing only 5–15% glass fibre.
-  **Multi-Resin Compatibility**
Provides excellent reinforcement performance in both polycarbonate and PVC resin systems.
-  **Superior Colour Performance**
Advanced sizing technology helps maintain excellent colour quality without sensitivity to flame-retardant additives.
-  **Cleaner, More Efficient Processing**
High bulk density and strong strand integrity improve feeding performance while reducing fuzz generation and cleaning downtime.

Application

CS 108F-14P is engineered for compounding and injection moulding processes, delivering reliable reinforcement for low glass fibre polycarbonate compounds and PVC formulations.



Technical Characteristics

PRODUCT	FIBRE DIAMETER (µm)	FIBRE LENGTH (mm)	SOLID CONTENT (%)	MOISTURE CONTENT (%)
CS 108F-14P	14	4	0.6	Max. 0.05

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.

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