

CS 163D-14C

Engineered for phenolic and epoxy reinforcement

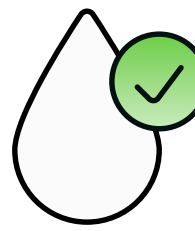
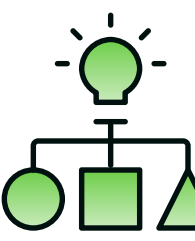


CS 163D-14C is a chopped strand engineered for injection and transfer moulding applications using phenolic and epoxy resin systems. Its advanced sizing technology delivers excellent dispersion, impregnation, and colour consistency, enabling reliable performance across a wide range of engineered components. CS 163D-14C is produced with patented Advantex® corrosion resistant E-CR glass.

- ✓ Specifically designed for injection and transfer moulding processes.
- ✓ Engineered sizing provides excellent compatibility with phenolic and epoxy resin systems.
- ✓ Light-coloured fibres enable use in natural compounds without affecting the appearance of finished parts.
- ✓ Advanced manufacturing technology ensures excellent dispersion and impregnation for consistent composite performance.

CHOPPED STRAND FOR PHENOLIC AND EPOXY REINFORCEMENT

Product Benefits

-  **Optimized For Phenolic And Epoxy Systems**
Engineered sizing maximizes compatibility and performance in phenolic and epoxy resin matrices.
-  **Excellent Dispersion And Wet-Out**
Promotes uniform fibre distribution and enhanced impregnation for consistent composite quality.
-  **Natural Colour Appearance**
Light-coloured fibres preserve the appearance of natural-grade compounds without impacting final part colour.
-  **Versatile Across Industries**
Suitable for a broad range of applications in automotive, electrical & electronics, and engineering markets.

Application

CS 163D-14C is designed for extrusion, injection moulding and transfer moulding processes using phenolic and epoxy resin systems, serving automotive, electrical & electronics, and engineering applications.



Technical Characteristics

PRODUCT	FIBRE DIAMETER (µm)	FIBRE LENGTH (mm)	SOLID CONTENT (%)	MOISTURE CONTENT (%)
CS 163D-14C	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.

MAKE
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