

DS 3185E-10N

Engineered for Polyester reinforcement

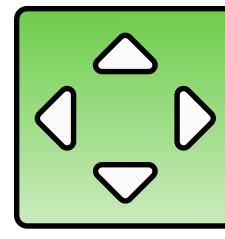
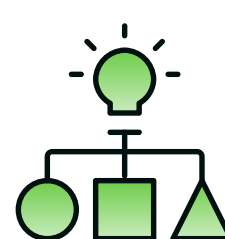


DS 3185E-10N is a chopped strand engineered to reinforce PBT, PET resins and Polyester blends. Its advanced sizing technology delivers excellent mechanical performance, outstanding dispersion, and efficient processing for demanding engineering applications. DS 3185E-10N is produced with patented Advantex® corrosion resistant E-CR glass.

- ✓ Specifically designed to reinforce PBT, PET resins and Polyester blends.
- ✓ Delivers excellent dry mechanical properties, colour performance, and compatibility with flame-retardant formulations.
- ✓ Advanced sizing technology provides excellent dispersion across a wide range of compound grades.
- ✓ Innovative manufacturing technology ensures high strand integrity, superior feeding behaviour, and low fuzz generation while remaining free of Nonylphenol Ethoxylates (NPE).

CHOPPED STRAND FOR POLYCARBONATE AND PVC REINFORCEMENT

Product Benefits

-  **Optimized For PBT Compounds**
Engineered for outstanding performance in PBT matrices and blends, including flame-retardant formulations.
-  **Cleaner, More Efficient Processing**
High bulk density, excellent feeding behaviour, and low fuzz generation improve productivity while reducing cleaning downtime.
-  **Excellent Dispersion**
Advanced sizing technology promotes uniform fibre distribution and consistent composite performance across multiple compound grades.
-  **Broad Application Versatility**
Designed for automotive, electrical & electronics, and other engineering applications requiring reliable reinforcement.

Application

DS 3185E-10N is engineered for compounding and injection moulding processes, delivering reliable reinforcement for automotive, electrical & electronics, and industrial engineering applications.



Technical Characteristics

PRODUCT	FIBRE DIAMETER (µm)	FIBRE LENGTH (mm)	SOLID CONTENT (%)	MOISTURE CONTENT (%)
DS 3185E-10N	10	4	1.05	Max. 0.05

Availability & Packaging

Standard packaging consists of a 1150 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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POSSIBLE™

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