

Compounding
Injection Moulding

E-CR glass

3B E-CR glass is boron-free and presents significantly improved corrosion resistance across a wide range of aggressive environments.

3B glass is E-CR according to ASTM D578 and ISO 2078. This translates into important benefits for end-users over traditional E-glass: longer service life, larger safety coefficients for the same design, and material savings.

Traditional E-glass includes boron and often contains added fluorides. By using new manufacturing technology to eliminate these components from the glass composition, 3B E-CR glass has become a benchmark for integrated pollution prevention and the highest energy efficiency – all in an optimized process.

3B measures its efforts and works continually to minimize its impact on the environment and to set new standards within the global fibreglass industry. This is our commitment.

DS 3185E-10N Chopped Strand for Polyesters



Product Description

DS 3185E-10N is designed to reinforce polyester PBT resins. When moulded this product exhibits excellent dry mechanical properties and good colour characteristics. DS 3185E-10N can also reinforce and show excellent performances in blends with PET and flame-retardant formulations.

An innovative manufacturing technology provides DS 3185E-10N chopped strand product with an excellent strand integrity and bulk density. As a result this product exhibits excellent feeding properties with low fuzz generation. DS 3185E-10N is also free of Nonylphenol Ethoxylates.

FEATURES	BENEFITS
Advanced sizing technology	Excellent performances in PBT matrixes & blends Suitable for a wide range of grades (FR, IM...) Excellent dispersion
Versatile chopped strand product	Designed for a wide range of applications in Automotive, E&E and other applications
High bulk density	Superior feeding behaviour Low fuzz generation Suitable for pneumatic conveying & megacomponders Better productivity for reduced cleaning downtime

DS 3185E-10N

Chopped Strand for Polyesters



PRODUCT CHARACTERISTICS

Product name	Fibre diameter µm	Fibre length mm	Solid content %	Moisture content %
DS 3185E-10N	10	4	1.05	Max 0.05

FOOD CONTACT AND DRINKABLE WATER APPLICATIONS

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

FOOD	WATER	NORM
X		FDA

PACKAGING

Standard packaging for DS 3185E-10N chopped strand is 1150 kg polypropylene bag with bottom discharge (1 bag/ pallet).

Packaging in smaller quantities is available on request.

STORAGE

It is recommended to store chopped strand products indoor, at room temperature and at a relative humidity of 50% ± 15%. The product should remain in its original packaging, preferably closed. In order to prevent static electricity and humidity problems, the chopped strand material must be conditioned in the working place just prior to use.

In case a packaging unit is only partly used, it should be immediately re-sealed.

The pallet can be single stacked only.



Customer Service Office

Ildefonse Vandammestraat 5-7

B-1560 Hoeilaart, Belgium

P. +32 2 402 2000

F. +32 2 402 2002

E. 3B-thefibreglasscompany@3b-fibreglass.com

Disclaimer of Liability The data and information set forth in this publication is provided exclusively with the view to facilitating the selection of a product and/or service. The information contained in this publication is based on actual laboratory data and/or field test experience. We believe this information to be accurate, but do not guarantee in any manner its suitability to the user's process or assume any liability arising out of its use or performance. The user, by ordering the products and/or services described herein, agrees to be entirely responsible for thoroughly testing any application to determine its suitability before committing to production. It is key for the user to determine the properties of its own products and/or compounds when using a product and/or service herein described. We do not give any representation or warranty, express or implied, as to the accuracy or completeness of the data and information contained in this document, and shall have no liability to the user or any other person resulting from the use of or reliance on any such information. Further, we do not give any representation or warranty, express or implied, as to our products and/or services, including in respect of their merchantability and fitness for a particular purpose, and shall have no liability to the user or any other person resulting from the use of or reliance on any such products and/or services. Only those representations and warranties set forth in a supply agreement, when, as and if it is executed, and subject to such limitations and restrictions as may be set forth in such agreement, shall have any legal effect. Statements included in this document are not, and may not be construed as, representations or warranties or as inducements to infringe any patent or violate any law, safety code or insurance regulation. 3B reserves the right to modify the content of present document without notice and without incurring in any obligations.