

Extrusion  
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.

## CS 163D-14C

Chopped strand for Phenolics



### Product Description

CS 163D-14C chopped strand is specifically designed for excellent performances in injection and transfer moulding processes & applications. The sizing coated at the glass fibre surface is engineered for enhanced compatibility with phenolic and epoxy resin systems.

Thanks to its very light colour, this product can be used in any natural

grade compounds without impacting the colour of the final part.

Specific manufacturing technology provides CS 163D-14C chopped strand product with excellent dispersion and impregnation.

As a result, this product offers excellent properties in a wide range of applications.

FEATURES	BENEFITS
Advanced sizing technology	Excellent performances in phenolic & epoxy matrixes Excellent dispersion in the matrix Enhanced wettability Light colour for use in natural grade compounds
Versatile chopped strand product	Designed for a wide range of applications in Automotive, E&E & engineering markets

# CS 163D-14C

Chopped Strand for Phenolics



## PRODUCT CHARACTERISTICS

Product name	Fibre diameter µm	Fibre length mm	Solid content %	Moisure content %
CS 163D-14C	14	4	0,60	Max 0,05

## PACKAGING

Standard packaging for CS 163D-14C Chopped Strand is 1000 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.