

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 %	Moisture content %
CS 163D-14C	14	4	0.60	Max 0.05

### FOOD CONTACT AND DRINKABLE WATER APPLICATIONS

Product has been designed in order to help reinforced plastics to comply to 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	ACS

### 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  $50\% \pm 15\%$ . 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-thefiberglasscompany@3b-fiberglass.com

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