

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.

DS 1125-10N

Chopped Strand for PA



Product Description

DS 1125-10N is designed to reinforce a broad range of polyamide resins, including PA6, PA66, PA610, PA6/66 copolymers and semi-aromatic PA. When moulded this product exhibits outstanding dry mechanical properties and no sensitivity to mould release agents commonly used, such as calcium stearate. Its sizing has been designed in order to offer excellent dispersion properties. It can also reinforce and offer excellent performances in all flame

retardant and impact modified polyamide formulations. Thanks to its very light colour, this product can be used in any natural grade compounds without impacting the colour of the final part.

An innovative manufacturing technology provides DS 1125-10N chopped strand with an excellent strand integrity and bulk density. As a result this product exhibits excellent feeding properties with very low fuzz generation.

FEATURES	BENEFITS
Innovative sizing technology	Compatibility with a broad range of PA resins Suitable for a wide range of grades (FR, IM...) Excellent dispersion in the matrix Light colour for use in natural grade compounds High resistance to Ca-St
Versatile chopped strand product	Designed for a wide range of applications in Automotive, E&E and industrial engineering
High bulk density	Superior feeding behaviour Low fuzz generation Better productivity for reduced cleaning downtime

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PRODUCT CHARACTERISTICS

Product name	Fibre diameter µm	Fibre length mm	Solid content %	Moisture content %
DS 1125-10N	10	4	0,72	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 (upon request).

	FOOD	WATER	NORM
	X		FDA

PACKAGING

Standard packaging for DS1125-10N 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-thefiberglasscompany@3b-fiberglass.com

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