

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 glassfibre industry. This is our commitment.

www.3B-fibreglass.com

DS 1128-10N

Chopped Strands for PA with Hydrolysis Resistance



Product Description

DS 1128-10N 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, excellent hydrolysis/glycolysis resistance, high heat ageing resistance and no sensitivity to mould release agents commonly used, such as calcium stearate. It can also reinforce and offer excellent performances in all impact modified and

flame retardant polyamide formulations.

An innovative manufacturing technology provides DS 1128-10N chopped strand with an excellent strand integrity and bulk density. As a result this product exhibits excellent feeding properties with very low fuzz generation.

The product is also designed for use in pneumatic conveying system and high throughput compounding line.

FEATURES	BENEFITS
Innovative sizing technology	Compatibility with a broad range of PA resins Suitable for a wide range of grades (FR, IM...) Very good ageing properties Excellent hydrolysis resistance in LLC systems 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 Suitable for pneumatic conveying and megacomounder Better productivity for reduced cleaning downtime

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PRODUCT CHARACTERISTICS

Product name	Filament diameter µm	Fibre length mm	Solid content %	Moisure content %
DS 1128-10N	10	4	0,83	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		EC 1935/2004
	X		FDA
	X		BfR
		X	ACS

PACKAGING

Standard packaging for DS 1128-10N 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.



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