

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.

DS1135-10N

Chopped Strand PA HR Food Contact



Product Description

DS1135-10N is designed to reinforce a broad range of polyamide resins, including PA6, PA66, PA610, PA6/66 copolymers and semi-aromatic PA. The product has been developed in order to help reinforced plastics to meet the requirements of the most common food contact and drinkable water norms (FDA, EC 10/2011, BfR and ACS).

Its chemistry presents an excellent compatibility with flame retardant

additives and impact modifiers.

The performance in hydrolysis/ glycolysis resistance is also very good. Therefore, the fiber is enhancing dry-as-moulded and long-term properties, in a large range of natural and coloured formulations.

Finally, DS1135-10N is a multi-compatible chopped strand PA, with excellent strand integrity and bulk density.

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 different LLC systems High resistance to Ca-St
Versatile chopped strand product	Designed for industrial applications E&E and automotive requirements Developed to reinforce engineered plastics in compliance with EC 10/2011, FDA, BfR, ACS
High bulk density	Superior feeding behaviour Particularly suitable for pneumatic conveying and megacompounders Better productivity by reducing cleaning downtime

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PRODUCT CHARACTERISTICS

Product name	Fibre diameter µm	Fibre length mm	Solid content %	Moisture content %
DS1135-10N	10	4	0,80	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 10/2011 of 14 Jan, 2011
X		FDA
X		BfR
	X	ACS

PACKAGING

Standard packaging for DS1135-10N 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.

Binani



B R A J B I N A N I G R O U P

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