

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 fibreglass industry. This is our commitment.

CS 183F-11C

Chopped Strand for ABS & Styrenics



Product Description

CS 183F-11C is designed to reinforce PBT, ABS, ABS blends (with PC, PBT, PET) and styrenics.

When moulded these products exhibit outstanding dry mechanical properties, and especially a high impact resistance.

The versatile sizing gives also an excellent colour in natural compounds

and is suitable with flame retardant formulations.

Specific manufacturing technology provides CS 183F-11C chopped strand product with excellent dispersibility.

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

FEATURES	BENEFITS
Advanced sizing technology	Outstanding composite performances in a wide range of ABS & Styrenics compounds Excellent adhesion to ABS & PBT matrices Light colour for use in natural grade compounds Excellent dispersion in the matrix
Versatile chopped strand product	Designed for a large variety of applications in automotive (structural components, dashboard parts, etc.), E&E (household appliances, power tool parts, housings, etc.), IT equipments (printer, chassis, covers, etc.) and consumer goods

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PRODUCT CHARACTERISTICS

Product name	Fibre diameter µm	Fibre length mm	Solid content %	Moisture content %
CS 183F-11C	11	4	0.7	Max 0.02

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
			EC 1935/2004
	X		FDA
	X		BfR

PACKAGING

Standard packaging for CS 183F-11C chopped strand products 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.



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