

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.

www.3B-fibreglass.com

DS 8800-11P

Chopped Strand for High Performance Thermoplastic Polymers



Product Description

DS 8800-11P is a glass chopped strand specifically designed to reinforce high performance thermoplastic polymers, including PPS, PES, PSU, PPSU, PEI and PEEK. Furthermore, it shows interesting benefits in reinforcing PBT resins. 3B's state-of-the-art manufacturing technology provides to DS 8800-11P very good strand integrity and bulk density leading to smooth compounders feeding, with low fuzz generation.

DS 8800-11P displays excellent dispersion within a large range of resin viscosities, enabling high glass fibre contents (> 55%). It is known for final reinforced parts' heat stability and high mechanical properties combined with hydrolysis/glycolysis performances that are rated from high to even outstanding specifically in PPS. DS 8800-11P also meets stringent requirements of food contact and drinkable water standards.

FEATURES	BENEFITS
Innovative sizing technology	Compatibility with a wide range of high temperature resins Excellent dry-as-molded properties in a large range of grades Very good heat and hydro ageing properties
Versatile chopped strand product	Designed for industrial applications including automotive, mechanical engineering, E&E, aerospace Developed to reinforce engineered plastics in compliance with food and water contact regulations
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 %
DS 8800-11P	11	4	0.65	Max 0.06

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*
	X		FDA
		X	ACS

*As per restrictions of Transitional Provisions of (EU) 2024/3190

PACKAGING

Standard packaging for DS 8800-11P 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% ± 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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