

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.

www.3B-fibreglass.com

DS 2200-10P

Chopped Strand for High Performance Polyolefins Reinforcement



Product Description

DS 2200-10P is a 10 µm-filament, 4 mm long chopped glass fibre designed to maximise performances of polyolefin compounds.

DS 2200-10P shows outstanding compatibility with Polypropylene and enables improvements of material's performances such as tensile and flexural strength, impact and creep, hence opening new design possibilities for lighter parts. DS 2200-10P is also designed for parts weathering in prolonged contact with water, detergents and glycol.

DS 2200-10P can also be used in applications complying with stringent requirements of food contact and drinkable water standards EU 10/2011, FDA and ACS.

DS 2200-10P is supplied on a pelletized form and offers outstanding feeding-to-extruder behaviour as well as excellent fibre impregnation and dispersion. DS 2200-10P's sizing chemistry also requires reduced amount of coupling agents to reach parts' optimum mechanical performances.

FEATURES	BENEFITS
High mechanical performances	Improved tensile and flexural properties Improved resilience Enhanced creep
One-fit-all sizing chemistry	Compatibility with PP and PE Water, detergent and glycol resistant Suitable for parts requiring compliance with food and potable water contact
Pelletized form	Superior extruder feeding behaviour Low fuzz and fly fibres Reduction of cleaning downtime

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PRODUCT CHARACTERISTICS

Product name	Fibre diameter (µm)	Fibre length (mm)	Solid content (%)	Moisture content (%)
DS 2200-10P	10	4	0.52	Max. 0.05

Product has been designed in order to help reinforced plastics comply with hereunder food contact and drinkable water norms. For more detailed information and relative conditions of applicability, please refer to official statements.

FOOD

(EU) 10/2011 (Europe)

FDA (USA)

WATER

ACS (France)

PACKAGING

DS 2200-10P is packaged in 1,150 kg polypropylene bags with bottom discharge (1 bag/pallet)

Packaging in smaller sizes is available upon request.

STORAGE

It is recommended to store chopped strand products indoor. The product should remain in its original packaging, on closed conditions. 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.

For safety reasons, it is recommended to store pallet in a single stack manner.



Customer Service

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