

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 122Y-14P

Chopped Strand for PC & PPO



Product Description

CS 122Y-14P is designed to reinforce polycarbonate PC compounds and blends, where specific adhesion with the thermoplastic resin is required (glass fibre loading > 15%).

The product also brings excellent reinforcement properties in polyphenylene oxide PPO or polyphethylene ether PPE resins. Due to its specific sizing chemistry, CS 122Y-14P offers an excellent

compromise between high dry as moulded performances and white colour. It also has a very good compatibility with common flame retardant packages.

An innovative manufacturing technology provides CS 122Y-14P with an excellent strand integrity and bulk density. As a result this product exhibits excellent feeding properties with very low fuzz generation.

FEATURES	BENEFITS
Advanced sizing technology	Excellent composite performance Suitable for high glass fibre loading PC compounds Suitable for blends where PC remains the major phase Excellent colour
Versatile chopped strand product	Suitable for various applications in E&E (connectors, appliances, etc.), telecommunications & IT equipments (keyboards, frames, etc.) and consumer goods (light parts, etc.)
High bulk density	Superior feeding behaviour Low fuzz generation Better productivity for reduced cleaning downtime

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PRODUCT CHARACTERISTICS

Product name	Fibre diameter µm	Fibre length mm	Solid content %	Moisture content %
CS 122Y-14P	14	4	0.6	Max 0.06

PACKAGING

Standard packaging for CS 122Y-14P chopped strand product 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 $50\% \pm 15\%$. 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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