

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 108F-14P

Chopped Strand for PC



Product Description

CS 108F-14P is specifically designed to reinforce polycarbonate PC compounds with low glass fibre loading (5-15%).

Its unique sizing technology results in exceptional performances in terms of dimensional stability, dispersion, mechanical properties and colour. This product is not sensitive to flame retardant additives.

CS 108F-14P is also very effective for the reinforcement of PVC resins.

An innovative manufacturing technology provides CS 108F-14P with a very good strand integrity and bulk density. As a result, this product exhibits very good feeding properties with low fuzz generation compared to other glass fibre materials.

FEATURES	BENEFITS
Superior fibre diameter consistency Unique sizing concept	No equivalent performances in low glass fibre percentage of PC compounds Excellent colour
Versatile sizing chemistry	Excellent compatibility with PVC resins
High bulk density	Very good feeding performances 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 %	Moisure content %
CS 108F-14P	14	4	0,6	Max 0,05

PACKAGING

Standard packaging for CS 108F-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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