

Compounding
Injection Moulding

Advantex® glass

Advantex® glass has been formulated to be a boron-free E-glass and to possess significantly improved corrosion resistance across a wide range of aggressive environments. Advantex® glass is both an E-CR glass and an E-glass in accordance with ASTM D578 and ISO 2078.

This translates into important benefits for our customers 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, Advantex® glass has become a benchmark for integrated pollution prevention and the highest energy efficiency – all in an optimized process.

3B measures its efforts to minimize impact on the environment by establishing environmental footprint diagrams that compare traditional E-glass production with an Advantex® manufacturing platform. 3B is continually working to minimize its impact on the environment and to set new standards within the global fibreglass industry. This is our commitment.

CS 183F-11P & 183F-14C

Chopped Strand for ABS & Styrenics



Product description

CS 183F-11P & 183F-14C are 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-11P chopped strand product with

an excellent strand integrity and bulk density. As a result, this product offers excellent feeding properties with very low fuzz generation.

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Superior fibre diameter consistency • Excellent adhesion to ABS & PBT matrices 	<ul style="list-style-type: none"> • Outstanding composite performances in a wide range of ABS & Styrenics compounds
<ul style="list-style-type: none"> • Versatile sizing technology 	<ul style="list-style-type: none"> • Excellent colour • Excellent dispersion • 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
<ul style="list-style-type: none"> • High bulk density • Very low level of fines 	<ul style="list-style-type: none"> • Superior feeding behaviour • Better productivity by reducing cleaning downtime and maintenance

