

Compounding
Injection Moulding

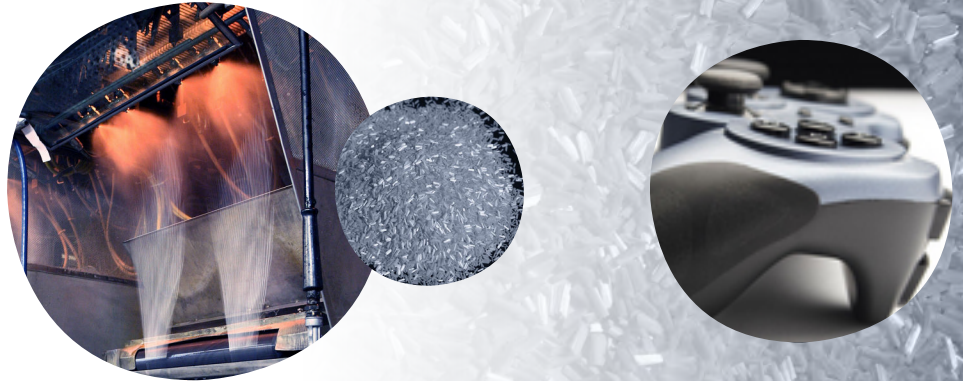
Advantex® glass

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.

DS 3185E-10N Chopped Strand for PBT



Product description

DS 3185E-10N is designed to reinforce polyester PBT resins.

When moulded this product exhibits excellent dry mechanical properties and good colour characteristics. DS 3185E-10N can also reinforce and show excellent performances in blends with PET and flame retardant formulations.

An innovative manufacturing technology provides DS 3185E-10N chopped strand product with an excellent strand integrity

and bulk density. As a result this product exhibits excellent feeding properties with very low fuzz generation.

DS 3185E-10N is also NPE free.

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Superior fibre diameter consistency • Excellent adhesion to PBT matrix 	<ul style="list-style-type: none"> • Excellent composite performances in a wide range of PBT formulations • Excellent dispersion
<ul style="list-style-type: none"> • Versatile sizing chemistry 	<ul style="list-style-type: none"> • Designed for various applications in automotive (handles, wiper parts, housings, etc.), E&E (connectors, circuit breakers, boards, control instruments, etc.), mechanical engineering (pump housings, functional parts, etc.) and other applications (dryer parts, oven handles, etc.)
<ul style="list-style-type: none"> • High bulk density • Very low level of fines 	<ul style="list-style-type: none"> • Superior feeding behaviour • Suitable for megacompounder • Better productivity by reducing cleaning downtime and maintenance

