

Compounding
Injection Moulding

Advantex

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.

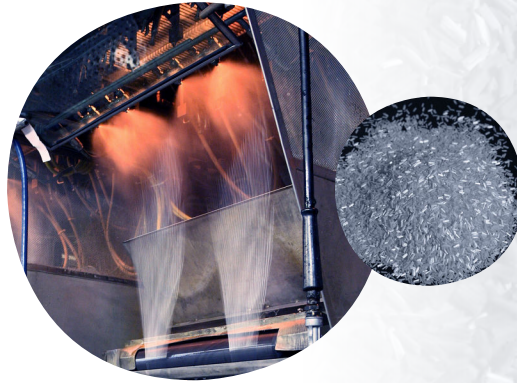
This translates into important benefits for our customers over traditional E glass: longer service life, larger safety coefficients for the same design, and material savings.

Traditional E-glass includes boron and often contains added fluorides. By using new manufacturing technology to eliminate these components from the glass composition, Advantex™ 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 8165-10P

Chopped Strand for high T Plastics



Product description

DS 8165-10P is designed to reinforce high temperature thermoplastics, such as PES, PSU, PPSU, PEI, PEEK, etc.

Thanks to its specific sizing, the product exhibits excellent mechanical properties, especially stiffness and high heat stability. DS 8165-10P offers also an excellent dispersion in a large range of resin viscosities, even at high glass fibre loading (>55%).

A specific manufacturing technology

provides DS 8165-10P chopped strand with a very good strand integrity and bulk density. As a result this product exhibits excellent feeding properties with very low fuzz generation.

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Superior fibre diameter consistency • Heat resistant sizing 	<ul style="list-style-type: none"> • Excellent composite performances • Excellent heat stability
<ul style="list-style-type: none"> • Superior sizing chemistry 	<ul style="list-style-type: none"> • Outstanding dispersion in various resins • Designed for a wide range of applications in automotive (gears, bearing cages, thrust washers, etc.), mechanical engineering (rings, wheels, impellers, flow metre parts, pump components, etc.), E&E (chip carrier, USB connectors, sockets, trails, etc.), aerospace (gear parts, etc.)
<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

