

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 1128-10N

Chopped Strand for PA



Product description

DS 1128-10N is designed to reinforce a broad range of polyamide resins, including PA6, PA66, PA610, PA6/66 copolymers and semi-aromatic PA.

When moulded this product exhibits outstanding dry mechanical properties, excellent hydrolysis/glycolysis resistance, high heat ageing resistance and no sensitivity to mould release agents commonly used, such as calcium stearate. It can also reinforce and offer excellent

performances in all impact modified and flame retardant polyamide formulations. An innovative manufacturing technology provides DS 1128-10N chopped strand with an excellent strand integrity and bulk density. As a result this product exhibits excellent feeding properties with very low fuzz generation.

The product is also designed for use in pneumatic conveying system and high throughput compounding line.

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Superior fibre diameter consistency • Excellent adhesion to PA matrix • No sensitivity to Ca-Stearate 	<ul style="list-style-type: none"> • Outstanding performances in a wide range of PA formulations • Excellent hydrolysis resistance in different LLC systems
<ul style="list-style-type: none"> • Versatile chopped strand product 	<ul style="list-style-type: none"> • Designed for a wide range of applications in automotive (under-the-bonnet elements, front ends, airbag housing, etc.), in E&E (circuit breakers, pulleys, housings, connectors, etc.) and in industrial engineering (clamps, handles, fittings, furnitures, etc.)
<ul style="list-style-type: none"> • High bulk density • Very low level of fines 	<ul style="list-style-type: none"> • Superior feeding behaviour • Particularly suitable for pneumatic conveying • Particularly suitable for megacomounder • Better productivity by reducing cleaning downtime and maintenance

