

Extrusion
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 2200-13P

Chopped Strand for PP & PE



Product description

DS 2200-13P is designed to reinforce polyolefin systems, specifically polypropylene and polyethylene compounds.

This product offers exceptional mechanical and ageing performances, this unique combination of properties enabling reinforced materials to replace metal or other reinforced thermoplastics in automotive components (incl. under the bonnet parts) and appliances.

DS 2200-13P chopped strand provides critical outstanding stiffness/impact balance, excellent

dispersion capability, as well as superior long-term resistance (heat and fatigue).

The product can be used with much lower amount of chemical coupling agent than commercially available products, without any impact on mechanical performances.

An innovative manufacturing technology provides DS 2200-13P chopped strand with high bulk density for optimal flow and feeding properties.

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Superior fibre diameter consistency • Outstanding adhesion to polyolefin resin 	<ul style="list-style-type: none"> • Outstanding composite performances in a wide range of PP & PE formulations • Excellent dispersion in PP & PE resin • Ability to be used at high GF loading (>50%)
<ul style="list-style-type: none"> • Innovative sizing technology 	<ul style="list-style-type: none"> • Designed for a wide range of applications • Superior long term resistance under load • Excellent performances in hot air & hot water
<ul style="list-style-type: none"> • High bulk density • Low level of fines 	<ul style="list-style-type: none"> • Superior feeding behaviour • Better productivity by reducing cleaning downtime & maintenance

