

3B-the fibreglass company introduces DS 1125-10N, a new Chopped Strand for general purpose polyamide grades

3B-the fibreglass company introduces **DS 1125-10N**, an innovative new chopped strand for general purpose polyamide grades. Neutral color, easy feeding of compounders are the main features of this new fibre on top of an outstanding processibility and excellent mechanical performances.

Battice, Belgium – March, 7th 2016 – DS 1125-10N is made out of E-CR corrosion resistance glass and is composed of individual glass filaments of low micron diameter. It is designed to fit a broad range of polyamides including PA6, PA6.6, PA6.10, as well as for copolymers PA6/66 and semi-aromatic polyamides.

Outstanding ability to feed compounders – DS 1125-10N is designed for smooth compounding. It comes into a granulated shape, which offers excellent feeding properties and generates extremely low fuzz-and-fly, hence limiting cleaning and maintenance downtimes of compounding devices. As a consequence of its tailored strand's integrity, **DS 1125-10N** is used in high throughput compounding lines fed by pneumatic conveying.

Light neutral color – Main feature of **DS 1125-10N** is its ability to be neutral in color. Thanks to this property, **DS 1125-10N** can hence be used in any natural grade compounds without impacting the color of the final parts.

Compatibility with additives - DS 1125-10N is also compatible with flame retardants and impact modifier additives. It does also show a very good resistance to a wide spectrum of mold-release agents including calcium stearate.

Facilitating fluidity – DS 1125-10N sizing reactivity voluntarily does not interfere adversely with polymer viscosity; hence it is ideal for polyamide compounds of high fluidity, enhancing productivity in injection molding.

Excellent mechanical properties – DS 1125-10N glass fibre shows a superior dispersion supporting a smooth aspect of the final part surface. Combination of this well-balanced fibre repartition with an efficient adhesion of **DS 1125-10N**'s sizing to polyamides, translates into excellent dry-as-molded mechanical properties of the final parts in both static and impact properties.

About 3B-the fibreglass company

3B-the fibreglass company is a leading developer and supplier of fibreglass products and technologies for the reinforcement of thermoplastic and thermoset polymers. This dynamic and entrepreneurial company has three state-of-the-art glassfibre manufacturing facilities in Belgium, Norway and India as well as a dedicated R&D Centre located in the heart of Europe. 3B's ambition is to be the preferred supplier of value creating, innovative glass fibre solutions for automotive and wind applications.

The company is the only major glassfibre producer operating fully 100 percent boron-free glass fibre manufacturing platforms with E-CR glass formulations delivering significantly improved corrosion resistance, enhanced stiffness, higher temperature resistance and longer service life. The company operates a unique eco-responsible and high performance glass technology, HiPer-tex™, in its Norwegian plant. This well established brand combines durability with eco-responsibility and versatility, making HiPer-tex™ the material of choice for a wide range of industries. With a sound foundation of unique assets, 3B is committed to designing reliable and durable glassfibre solutions available globally.

For more information visit our website www.3b-fibreglass.com

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