



Fibres

Lightweight automotive composites

Beaulieu Fibres International introduces **UltraLink**, a family of engineered polypropylene (PP) bonding fibres for thermoplastic lightweight composites. The UltraLink fibres are designed to provide optimal processing during the nonwoven mat process, when blending with glass, natural or other synthetic reinforcement fibres.

Additionally, through their inherently low shrinkage properties, Beaulieu's UltraLink fibres offer dimensional stability in compression molding.

The UltraLink fibres can be customized to improve the mechanical, thermal and functional properties of the composite, supporting the automotive industry in the continuous strive to reduce weight and improve comfort in a sustainable way.

Composites

- Door panels
- Wheel arch liners
- Head liners
- Underbody shields
- Parcel shelves
- Trunk trim

Reduced weight, lower system cost, enhanced functionalities

- Weight reduction
- Dimensional stability
- Low VOC/FOG emission
- Hydrophobic properties for exteriors
- Anti-funghi activity

Specifications

Den range 3-15

Cut length (mm) 40 - 90

Crimps (cm) 2 - 6

Color natural and black



Automotive



Face fabrics

Our color development department can match any of your OEM color masters for automotive interior fabrics. The fibre recipe is designed to comply with OEM requirements in terms of UV resistance, VOC/FOG emission and flame retardance (FR). Our **UltraBond** fibres contribute to a fully recyclable system (patent pending), replacing the use of latex.

Specifications

In-house master color development

Den 3-15

Cut length (mm) 40 - 90

Flame retardant (FR) functionality

Crimps (cm) 3 - 6

Residual shrinkage < 3 %



About Beaulieu Fibres International

As largest European producer of PP fibres, our company is part of the Engineered Products Business Unit of Beaulieu International Group, with headquarters in Belgium.

With three production sites in Europe - two in Belgium and one in Italy, we supply PP and PE/PP BICO fibres with linear densities of 0.9 den to 450 den to customers in industries such as Automotive, Hygiene, Geotextiles, Flooring, Filtration and Upholstery. Our broad portfolio includes colored fibres, high elongation fibres, high tenacity fibres, ultrasoft fibres with different cross-sections, including trilobal, suitable for a wide range of processing technologies. Beaulieu Fibres International has 235 employees and reported a turnover of 188 million euros in 2017.

Member of Beaulieu International Group

Beaulieu International Group (B.I.G.) is a renowned international group with a strong position in the raw materials and semi-finished products market. Our solutions also include a wide range of finished floorcoverings. Beaulieu International Group has 4,553 employees in 25 plants, 14 sales offices and distribution plants spread across 14 countries. In 2017, the Beaulieu International Group's turnover was 1.8 billion euros.

Beaulieu International Group is composed of three business units: "Granules" produces polypropylene granules for numerous applications. "Engineered Products" houses the activities Fibres, Yarns, Technical Textiles and Technical Sheets. "Flooring Solutions" is the European leader in wall-to-wall floor coverings, producing carpet, needle felt, cushion vinyl, LVT and wood. The Beaulieu International Group's entrepreneurial spirit and innovative ambitions make it a model of diversity and progress within the sector. These assets allow it to create sustainable added value for customers, employees, suppliers, shareholders and for the society in which it operates.



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