



Fibres

Lightweight automotive composites

Beaulieu Fibres has developed a range of engineered polypropylene (PP) bonding fibres for thermoplastic lightweight composites. Each of the bonding fibres is designed to provide a homogenous blend and optimal moulding performance. Additionally, with their inherently low shrinkage properties Beaulieu's bonding fibres offer dimensional stability in compression moulding.

The fibre recipes are designed and customised to meet the most stringent OEM requirements in terms of heat stability, VOC/FOG and odour.

Composites

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

Reduced weight, lower system cost, enhanced acoustic properties

- Weight reduction (patent pending)
- Dimensional stability in moulding
- Low shrinkage, excellent elongation
- Enhanced acoustic properties
- Complies with stringent heat stability, VOC/FOG and interior odour requirements

Specifications

Dtex range 3.3 - 17
Cut length (mm) 40 - 90

Crimps (per cm) 2 - 6
Colour natural and black

Face fabrics

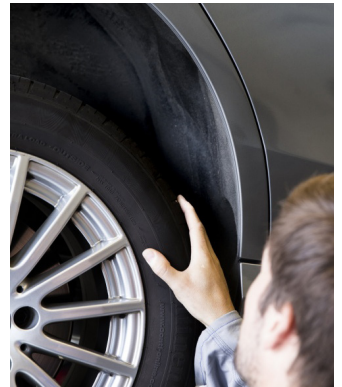
Our colour development department can match any of your OEM colour masters for automotive interior fabrics. The fibre recipe is designed to comply with OEM requirements in terms of UV resistance, VOC/FOG emission and flame retardance (FR). The low melt PP bonding fibres contribute to a fully recyclable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

Specifications

In-house master colour development
Dtex range 3.3 - 17
Cut length (mm) 40 - 90
Flame retardant (FR) functionality

Crimps (per cm) 3 - 6
Residual shrinkage < 3 %

Automotive



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 1.0 to 500 dtex to customers in industries such as Hygiene, Geotextiles, Flooring, Automotive, Filtration and Upholstery. Our broad portfolio includes ultrasoft fibres, high elongation fibres, coloured fibres and fibres with different cross-sections, including trilobal, suitable for a wide range of processing technologies. Beaulieu Fibres International has 220 employees and reported a turnover of 200 million euros in 2016.

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