



# Reimagining mobility, fibre by fibre

Beaulieu offers a wide range of polypropylene bonding fibres for thermoplastic lightweight composites and car fabrics. Our fibres help car manufacturers and OEMs to meet the ever more challenging requirements for performance, cost-efficiency and sustainability.

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## PP fibres for lightweight automotive composites

With today's rush towards greener, sustainable mobility, the automotive industry is under continuous pressure to increase performance and reduce emissions. Car manufacturers and OEMs can rely on Beaulieu's bonding fibre range to help improve mechanical, thermal and functional properties of the composite while reducing weight.

Beaulieu's PP fibres for thermoplastic lightweight composites offer the most optimal cost-to-performance ratio in needle punched, compression-moulded composite materials. They blend homogenously with natural, glass, carbon and polyester reinforcement fibres.

### Applications

- Door panels
- Wheel arc liners
- Head liners
- Trunk trims
- Underbody shields
- Parcel shelves
- Air intake duct systems
- Wall panels
- Load floors

## UltraLink

Ultralink offers the composite industry the tools to further enhance weight savings by creating an optimal compatibility between reinforcement fibre and PP matrix. The UltraLink fibres are 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.

Your benefits

- Reduce weight and system cost
- Increase dimensional stability
- Increase hydrophobic properties
- Reduce VOC/VOG emissions

PP fibres for automotive face fabrics

OEMs and car manufacturers have been relying on Beaulieu’s PP fibres for safe, sustainable and comfortable interior fabrics for many years. Unlike any other PP manufacturer, Beaulieu has the unique colour expertise to match practically any of your colour masters. In addition, Beaulieu’s fibres meet the industry’s most stringent requirements for UV resistance and flame retardance.

UltraPure: innovation for sustainable car fabrics

Beaulieu continues to push the envelope in terms of innovation and sustainability. Beaulieu’s UltraPure line of PP fibres helps manufacturers to reach the toughest VOC/FOG emission targets.

Specifications: Fibres for lightweight composites

	MONO PP ROUND FIBRES
DTEX	3.3 - 17
CRIMPS (PER CM)	2 - 6
CUT LENGTH (MM)	40 - 90
COLOURS	natural, black, custom colours

Specifications: Fibres for face fabrics

	MONO PP ROUND FIBRES
DTEX	3.3 - 17
CRIMPS (PER CM)	2 - 6
CUT LENGTH (MM)	40 - 90
COLOURS	natural, black, custom colours
PROPERTIES	Flame retardant functionality, UV resistant, low VOC/FOG emission



Automotive | Composites



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