



GRUPO ANTOLIN

One of the largest manufacturers of vehicle interior components worldwide.

- 140 factories
- 26 countries
- 25,000 employees

Five Business Units:

- Overheads
- Doors
- Lighting & HMI
- Electronic systems
- Cockpits & doors

Antolin's products are present in the top best-selling cars in the world.

EXPERTISE

As the leading overhead systems supplier, Grupo Antolin focuses on different methods and technologies to recycle interior trim parts as part of its objective to make a positive contribution to society and reduce carbon print.

Moreover, the company is one of the leading suppliers of car interior systems, combining material / processes and electronics expertise to offer fully integrated smart solutions, with a strong technological backup.

Green Overhead System



Car headliner substrate made from plastic waste and used tires

This is the first headliner substrate produced with a **Wet PU process** that involves materials made from urban & ocean waste, post-consumer plastic waste and end of life tires.

The headliner part looks as any standard headliner and performs exactly as any typical part (sustainability surge comes without any reduction in the physical properties of the headliner). This accomplishment has been possible thanks to a material's manufacturing process developed by BASF (by means of chemical recycling) that Antolin has validated and included in a fully electric European premium car. Approximately **50% of the headliner weight is recycled**. In this project, 100% of the textile, 70% of the core foam, and 70% of the plastic sunroof reinforcement frame together with the PU foam have been obtained from residues that can't be recycled in any other way and would have been, ultimately, disposed in landfills or, what is worse, in natural habitats.

Mechanical recycling is a well-known procedure that helps to reintegrate plastic products into the production cycle. This is a mature technology that has founded many applications and it's well integrated in the industrial processes. This type of recycling is currently being used with thermoplastic structures. A different issue is "thermoset" where mechanical recycling is not always possible.

Working with recycled materials is a natural step in the company sustainability strategy to reduce waste and to meet the demand for eco-friendly interiors, something increasingly valued in car buyers' choices.



PRODUCTION SYSTEM

More than 70 years of industrial tradition.

Nowadays, the Innovative processes of the company meet the evolving market demands with minimum investment.

INNOVATION ECO SYSTEM

Grupo Antolin works with 40 universities and research organizations.

The company belongs to 30 associations directly connected to R&D activities.

Over 1,600 people engaged in performing R&D work.

Grupo Antolin has managed over 2,500 patents.



Benefits of the system

- Manufactured with recycled materials. 50% in weight of total HL weight without effect on performance



TARGET APPLICATIONS

All the vehicle segments.
Electric vehicles.

- Mechanical and chemical recycled materials have been used



ROAD MAP

Serial Production

- 30% less carbon footprint (compared to virgin materials)



R&D CENTER

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- 25% lower weight thanks to the integrated plastic frame

Meet the expert

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