

PRODUCT BULLETIN

reSound™ REC Recycled Content TPEs – AF 7210 Series
Recycled TPEs for Automotive Interiors

Sustainability continues to be a key driver in the automotive industry. OEMs and tier-one suppliers strive to reduce vehicle weight and incorporate more recycled materials into parts.

European Parliament has proposed targets for the End-of-Life Vehicles (ELV) Directive that outline a minimum of 25% of the plastic used to build new vehicles sold from 2030 must come from recycled sources. Of that recycled content, a minimum of 25% (6.25% overall) must come from circular or closed-loop feedstock (from within the automotive industry).

Developed in response to the increased need for recycled materials the AF 7210 series of reSound™ REC TPEs incorporates a minimum of 51% recycled content, 37% from post-consumer recycled (PCR) sources, including closed-loop feedstock.

They provide comparable performance to virgin TPEs, with good UV stability and meet vehicle interior air quality (VIAQ) standards for odor and fogging. Plus, they can support OEMs in complying with the ELV Directive targets for incorporating recycled materials.

KEY CHARACTERISTICS

- Contains 51–59% recycled content, with a minimum of 37% from PCR sources, including closed-loop feedstock
- Provides comparable performance to virgin TPEs
  - Good UV stability
  - Meets VIAQ standards for odor and fogging
- Supports compliance with the ELV Directive
- Provides a more sustainable alternative to virgin TPE grades and supports a reduction in product carbon footprint (PCF)
- Can be injection molded and overmolded onto PP

KEY APPLICATIONS

The reSound REC TPEs – AF 7210 series has been developed for use in automotive interior applications such as cup holder mats, phone charging mats, peddle covers, boot/trunk lining, HVAC flaps and other center console parts. They can also be used in some consumer applications.

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