

Press Release

KRAIBURG TPE Unveils Next-Gen Material for Car Boot Liners

Kuala Lumpur, May 2024

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As drivers seek to safeguard their vehicles from everyday wear and tear, car boot liners have emerged as essential accessories, providing unparalleled protection for vehicle interiors. These liners, also known as cargo liners or trunk mats, serve as a protective barrier against dirt, spills, and damage caused by various cargo items.

Elevating Interior Protection with Precision Engineering

KRAIBURG TPE, a global leader in thermoplastic elastomer (TPE) solutions, proudly announces its latest innovation: a revolutionary TPE material engineered specifically for car boot liner applications. Crafted with precision and engineered for excellence, this cutting-edge material represents a significant advancement in **automotive interior** <https://www.kraiburg-tpe.com/en/automotive-interior> design, offering a myriad of features and benefits to enhance functionality, durability, and aesthetics.

Introducing the THERMOLAST® K FG/SF/AP Series

The **THERMOLAST® K** <https://www.kraiburg-tpe.com/en/thermolast-k> FG/SF/AP series from KRAIBURG TPE is meticulously designed to meet the stringent requirements of the automotive sector, offering unparalleled protection and versatility for modern drivers and passengers alike. Key features of this innovative material include:

- **Low Density:** Provides lightweight yet durable protection for vehicle interiors.
- **Adhesion to PP:** Ensures seamless integration with existing vehicle components.

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- **Controlled Emission and Odor:** Maintains a clean and odor-free automotive interior environment.
- **Optimized Flow Properties:** <https://www.kraiburg-tpe.com/en/slip-free-convenience-vehicles-cup-holders> Facilitates ease of processing during manufacturing.
- **Surface Mapping:** Enhances aesthetics and design flexibility.
- **Temperature Stability:** Withstands temperatures up to 100°C, ensuring long-lasting performance.
- **Demolding:** Simplifies production processes for efficient manufacturing.
- **In-Process Recycling:** Supports sustainability initiatives with recyclable materials.
- **Processing Method:** Compatible with injection molding for streamlined production.
- **Color:** Available in sleek black for seamless integration with vehicle interiors.

The versatility of the THERMOLAST® K FG/SF/AP series extends to various automotive interior applications, including handles, function and design elements, grommets, car mats, soft touch surfaces, seals and more.

Sustainability successes of our TPEs

Besides car boot liner, KRAIBURG TPE's recent sustainability innovations include a series of material solutions specially developed for automotive, consumer, consumer electronics, wearables and industry applications. Comprising up to 48% post-consumer recycled (PCR) and 50% post-industrial recycled (PIR) content, the material complies with multiple global standards such as FDA raw material compliance, RoHS and REACH SVHC requirements. KRAIBURG TPE also provides customers with product carbon footprint values.

Are you looking for a sustainable TPE solution? [Talk to us!](#)

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Our experts are happy to answer any questions you have, as well as to offer the right solution for your application.



(Photo: © 2024 KRAIBURG TPE)

For high-resolution photography, please contact Bridget Ngang
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KRAIBURG TPE (www.kraiburg-tpe.com) is a global manufacturer of custom thermoplastic elastomers. KRAIBURG TPE was founded in 2001 as an independent business unit of the KRAIBURG Group and is now the industry's competence leader in the field of TPE compounds. The company's goal is to provide safe, reliable and sustainable products for customer applications. With more than 660 employees worldwide and production sites in Germany, the USA and Malaysia, the company offers a large product portfolio for applications in the automotive, industrial and consumer goods industries, as well as for the strictly regulated medical sector. The established THERMOLAST®, COPEC®, HIPEX® and For Tec E® product lines are processed by injection molding or extrusion and offer manufacturers numerous advantages not only in processing but also in product design. KRAIBURG TPE is characterized by its innovative strength, global customer orientation, customized product solutions and reliable service. The company is ISO 50001 certified at its headquarters in Germany and holds ISO 9001 and ISO 14001 certifications at all its sites worldwide.