

## Press Release

**KRAIBURG TPE Introduces New FG/SF/AP Series for High-Performance Car Door Sill Applications**

Kuala Lumpur, July 2026

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### **KRAIBURG TPE Introduces New FG/SF/AP Series for High-Performance Car Door Sill Applications**

A car door sill, as part of the lower body and rocker panel assembly, reinforces cabin rigidity and side-impact protection. It also serves as a sealing surface for weatherstripping, aiding to block water, wind, and road noise.

Thermoplastic Elastomers (TPEs) are gaining traction for car door sill components due to their high impact and scratch resistance, which ensures long-term durability without cracking.

KRAIBURG TPE, a global manufacturer of high-performance TPE compound and customized material solutions offers the FG/SF/AP series developed for the Asia-Pacific automotive market. Developed specifically for [vehicle interiors](#), this series meets stringent requirements for high-quality surface finishes.

#### **Material Compatibility and Low Emission Performance**

KRAIBURG TPE's FG/SF/AP Series demonstrates excellent PP bonding (adhesion to polypropylene), making it an ideal material for 2K injection molding, automotive overmolding applications, and insert molding of automotive components. The series supports reliable multi-material designs while delivering optimized flow properties and smooth demolding for efficient processing of complex part geometries. These processing advantages help improve manufacturing productivity, reduce cycle times, and maintain long-term durability. With Low VOC and odor emissions, the FG/SF/AP Series also meets the stringent air quality requirements for modern automotive interior applications.

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### **Quality surface finish and durability**

KRAIBURG TPE's FG/SF/AP series offers excellent surface replication for precise texture transfer and a high-quality finish in visible car door sill components. Temperature stability up to 100°C ensures consistent performance under varying environmental conditions. The series' insert molding capability yields durable, watertight, and rattle-free assemblies.

### **Recyclability and design adaptability**

KRAIBURG TPE's FG/SF/AP series enables in-process recycling, improving material efficiency and advancing sustainable manufacturing practices. Available in black color options, the materials are also highly colorable, allowing design flexibility for [automotive interiors](#). With controlled emission and odor profiles, these compounds are well suited for environments with strict air quality requirements.

### **Sustainability from the get-go**

At KRAIBURG TPE, [sustainability](#) drives our innovation. Our portfolio includes bio-based TPEs and compounds with post-consumer (PCR) and post-industrial (PIR) recycled content. Selected TPEs are certified under GRS and ISCC PLUS. We also provide Product Carbon Footprint (PCF) data upon request to support sustainability decisions.

We proudly earned the EcoVadis Gold Medal in 2025 and are committed to the Science Based Targets initiative (SBTi), aligning our goals with global climate action.

From reducing emissions to increasing circularity, our sustainable TPEs deliver reliable performance and are available worldwide to support your applications while advancing your sustainability goals.

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Get in touch today to learn how KRAIBURG TPE can support your sustainability and product development journey.

**Discover More with TPE:** From [car gear lever](#) to [car mirror gasket](#), TPE materials enable safer, more comfortable, and intelligently designed automotive components.

***Disclaimer:** The applications mentioned are illustrative of material capabilities only. Final product suitability and regulatory compliance must be assessed and validated by the customer.*



(Photo: © 2026 KRAIBURG TPE)

For high-resolution photography, please contact Bridget Ngang  
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KRAIBURG TPE ([www.kraiburg-tpe.com](http://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 718 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.