

Press Release

KRAIBURG TPE Redefines Helmet Manufacturing with Innovative TPE Solutions

Kuala Lumpur, August 2024

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In today's fast-paced world, safety and comfort take precedence, particularly in high-risk activities like cycling, skateboarding, and motorcycling. With the demand for protective gear on the rise, manufacturers are constantly looking for innovative solutions to enhance both safety and wearer experience. Leading the charge in this endeavor is KRAIBURG TPE, leveraging their advanced [thermoplastic elastomer \(TPE\)](#) materials to positively transform the way helmets are manufactured.

Introducing the [THERMOLAST® K](#) series, an innovative solution meticulously engineered to meet the stringent requirements of the industry sector. With these advanced TPE materials, KRAIBURG TPE aims to provide manufacturers and consumers alike with high-performance solutions for their everyday needs.

Material Advantages

With an unwavering commitment to innovation, KRAIBURG TPE's TPE formulations for helmets offer a wide range of material advantages:

- **Adhesion to PP:** Ensures seamless integration with helmet components.
- **[UV and Weathering Resistance:](#)** Withstands exposure to harsh outdoor conditions.
- **Weather Resistant:** Ideal for automotive exterior applications.
- **In-Process Recycling Possible:** Contributes to preserving our surroundings.
- **Regulation Compliance:** Meets stringent industry standards such as GM GMW17374.

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- **Processing Method:** Compatible with Injection Molding techniques.

KRAIBURG TPE is committed to pushing the boundaries of innovation by working with manufacturers to build safer and more comfortable helmets for consumers worldwide to meet the demand for high-performance protective gear.



(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 tailored 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.