

Press Release

KRAIBURG TPE's Cutting-Edge TPE Materials for Shoe Aglet Applications

Kuala Lumpur, July 2024

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In the fast-paced world of footwear design and manufacturing, every detail matters, from the sole to the lace. One often-overlooked component that plays a crucial role in the functionality and aesthetics of shoes is the aglet – the small but significant tip at the end of shoelaces.

KRAIBURG TPE, a global thermoplastic elastomer (TPE) manufacturer, is changing the way aglets are produced with its innovative TPE materials. Introducing KRAIBURG TPE's [THERMOLAST® R](#), an innovative solution tailored to meet the stringent requirements of the fashion industry.

Key Material Advantages

- **A More Sustainable Option:** KRAIBURG TPE provides an alternative to traditional elastomers like EPDM and PVC-P. This material offers comparable or even superior performance for shoe aglets while significantly reducing the [carbon footprint](#).
- **Enhanced Flexibility:** The thermoplastic solution from KRAIBURG TPE matches the flexibility and resilience of conventional elastomers. Additionally, it offers processing advantages, making the manufacturing process more efficient and cost-effective.
- **Durability:** Engineered with optimized mechanical properties, this material ensures that shoe aglets can withstand daily wear and tear, maintaining their shape and functionality over time. This durability translates to fewer replacements and lower long-term costs.
- **Good Haptics:** Featuring a non-sticky surface, KRAIBURG TPE materials prevent dirt and debris from adhering to the aglets. This results in a clean and sleek appearance, enhancing the aesthetic appeal and overall quality of the shoe.

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- **Stable Performance:** The material retains its properties and performance even in high-temperature conditions of up to 80 °C. This stability ensures the reliability and longevity of the shoe aglets, making them suitable for various environmental conditions.
- **GRS Certified Material:** The selected compounds from THERMOLAST® R series is GRS certified, confirming that the chemicals used comply with international regulations and standards. This certification ensures product safety and boosts consumer confidence in the quality of the shoe aglets.

The versatility of the THERMOLAST® R extends to various applications, including function and design elements, grip applications, zipper pull, mobile accessories and others.



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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.