

Press Release

KRAIBURG TPE adds ergonomics and sustainability to electric shaver with sustainable TPEs

Kuala Lumpur, August 2025

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For today's consumers, "less is more" captures a growing preference for simplicity and purpose. The minimalist mindset also influences grooming, where appearance expresses personal values. A neat haircut, clean shave, or well-tapered beard signals readiness to engage with the world. Yet personal values are about more than looks, especially when [sustainability](#) matters in choosing products.

This mindset drives current trends in personalized, holistic self-care, with personal care tools such as electric shavers designed to match consumers' expectations for sustainability, ease of use, visual appeal, and dependable performance.

KRAIBURG TPE, a global manufacturer of thermoplastic elastomers, presents the [THERMOLAST® R series](#) TPE solution. Developed for the Asia-Pacific market, it addresses the demand for sustainable TPE materials in [personal care, consumer](#), and industrial applications. The TPE series is well-suited for electric shavers, offering a practical combination of comfort, durability, and design flexibility.

Material advantage for product reliability

The THERMOLAST® R series TPE is suitable for multi-component injection molding, offering good flowability, superior mechanical properties, and excellent adhesion to PP, all ensuring durable component bonding and enhanced performance in electric shavers. With a broad hardness range (30 to 90 Shore A) and temperature stability up to 80 °C, the TPE series provides outstanding wear resistance and long-lasting reliability, even with frequent use.

User-focused benefits in ergonomics and style

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The THERMOLAST® R sustainable TPE series is suitable for producing both soft, [comfortable grips](#) and more rigid, durable parts for electric shavers. It is an effective design solution for ergonomic grips and anti-slip surfaces that enhance user comfort and allow for greater precision. Featuring a flexible, non-sticky surface with excellent haptics, the TPE series provides a smooth, pleasant tactile feel that improves grip, delivering the precision and control valued by electric shaver users.

The TPE compounds also enable a wide range of design possibilities for electric shavers, offering in-house color options for aesthetic diversity through customizable colors, finishes, and textures.

Compliance to high standards of safety and sustainability

The THERMOLAST® R series rigorously complies with FDA CFR 21 standards, as well as REACH SVHC and RoHS regulations. Selected compounds from the series have been certified by the [Global Recycled Standard \(GRS\)](#). This strict adherence to global product standards highlights KRAIBURG TPE's commitment to providing high-quality advanced materials, sustainable sourcing, and responsible manufacturing practices.

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.

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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.

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

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



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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 sustainable products for customer applications. With more than 700 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.