

## Press Release

### KRAIBURG TPE Drives Sustainability in Robotics Applications with THERMOLAST® R TPE

Kuala Lumpur, May 2026

Page 1 of 4

KRAIBURG TPE Technology  
(M) Sdn Bhd  
Lot 1839 Jalan KPB 6  
Kawasan Perindustrian Balakong  
43300 Seri Kembangan, Selangor,  
Malaysia

Phone +60 3 9545 6393

Info-asia@kraiburg-tpe.com  
www.kraiburg-tpe.com

### KRAIBURG TPE Drives Sustainability in Robotics Applications with THERMOLAST® R TPE

The broader use of robotics across industries, from consumer electronics to smart homes, is leading manufacturers to tap advanced materials such as thermoplastic elastomers for robotic applications, combining durability, design flexibility, and sustainability in the burgeoning industrial robotics sector.

KRAIBURG TPE, a global manufacturer of thermoplastic elastomers (TPEs) and customized material solutions for various industries, brings the THERMOLAST® R series TPE for robotics applications, to the Asia Pacific market.

The sustainable TPE material series is suited for typical robotic and electronics-related applications, including functional and design elements, handles and grips for consumer products, [thumb wheels](#), [push buttons](#), switches, game controllers, remote controls, earphones, [wearable devices](#) and household robotic appliances.

#### Bespoke compounds transforming sustainability

The [THERMOLAST® R series](#) robotic applications materials are [GRS-certified](#) TPEs containing 34–50% post-industrial recycled (PIR) materials, depending on hardness, enabling manufacturers to stay consistent with their sustainability targets without compromising product quality.

#### Media Contact

Marlen Sittner  
Head of Digital Marketing  
Team Corporate Communications  
Phone: +49 8638 9810-272  
[marlen.sittner@kraiburg-tpe.com](mailto:marlen.sittner@kraiburg-tpe.com)

#### Soft, smooth surface for enhanced tactile performance

THERMOLAST® R recycled TPE compounds deliver a smooth-touch, non-sticky surface in robotic parts, improving user interaction and overall tactile experience. The robotics component materials also offer reliable mechanical

*Asia Pacific*  
Bridget Ngang  
Marketing Manager Asia Pacific  
Phone: +603 9545 6301  
[bridget.ngang@kraiburg-tpe.com](mailto:bridget.ngang@kraiburg-tpe.com)

## Press Release

**KRAIBURG TPE Drives Sustainability in Robotics Applications with THERMOLAST® R TPE**

Kuala Lumpur, May 2026

Page 2 of 4

strength to ensure long-term performance in demanding electronic and robotic environments.

### **Colorability for versatile robotics design**

THERMOLAST® R series TPEs are available in black and natural colors, with optional pre-coloration, providing design flexibility for robotics and consumer electronics components.

### **Reliable adhesion for efficient manufacturing**

THERMOLAST® R compounds feature excellent adhesion to common engineering plastics such as ABS, PC, and PC/ABS, enabling manufacturers to create overmolded components with soft-touch elements directly on rigid structures. This reduces assembly steps and improves product reliability. THERMOLAST® R can be processed via injection molding, benefiting manufacturers with more efficient production and consistent part quality for large-scale operations.

### **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.

## Press Release

**KRAIBURG TPE Drives Sustainability in Robotics Applications with THERMOLAST® R TPE**

Kuala Lumpur, May 2026

Page 3 of 4

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.

**Discover More with TPE:** Whether it's [robotic dog applications](#) or [smart electronics](#), KRAIBURG TPE delivers safe, durable, and user-friendly solutions for every day.

*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  
([bridget.ngang@kraiburg-tpe.com](mailto:bridget.ngang@kraiburg-tpe.com) , +6 03 9545 6301).

**Information for members of the press:**



[download high-resolution images](#)

## Press Release

**KRAIBURG TPE Drives Sustainability in Robotics Applications with THERMOLAST® R TPE**

Kuala Lumpur, May 2026

Page 4 of 4



[latest news on KRAIBURG TPE](#)

**Let's connect on Social Media:**



**Follow us on WeChat**



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 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.