

## Press Release

**Introducing the THERMOLAST® K AD1/AS Series: Static-Dissipative TPE Solution for Consumer Electronics and Powertool Applications**

Kuala Lumpur, April 2024

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### **Introducing the THERMOLAST® K AD1/AS Series: Static-Dissipative TPE Solution for Consumer Electronics and Powertool Applications**

KRAIBURG TPE, a global TPE manufacturer, is thrilled to announce the launch of its latest product series, the **THERMOLAST® K** <https://www.kraiburg-tpe.com/en/thermolast-k> AD1/AS product series, designed specifically to meet the static-dissipative requirements.

**The THERMOLAST® K AD1/AS series boasts a range of features and properties that make it the ideal material solution for a variety of applications:**

- **Surface Resistance:** With surface resistance ranging from 10 E7 to 10 E9, the series provides optimal static-dissipative performance.
- **Excellent Adhesion:** The material demonstrates good adhesion to polar thermoplastics such as PC, ABS, and PC/ABS, ensuring reliable integration into various applications.
- **Color Options:** <https://www.kraiburg-tpe.com/en/coloring> Available in black and natural. The natural variant can be easily colored in a multitude of ways to offer design flexibility.
- **Hardness Range:** With a hardness range of 50-80 Shore A, the THERMOLAST® K AD1/AS series provides the perfect balance between flexibility and durability.
- **Injection Molding Compatibility:** The material is designed for efficient processing through injection molding, allowing for seamless integration into manufacturing processes.
- **Temperature Stability:** Exhibiting stability at temperatures up to 80 °C, the series ensures reliable performance in diverse environmental conditions.

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- **Soft, Non-Sticky Haptic:** The THERMOLAST® K AD1/AS series offers a soft and non-sticky haptic experience, enhancing user comfort in various applications.
- **Protecting Electronic Devices:** Offers inherent dissipative characteristics while providing protection against damage to electronic devices by effectively managing electrostatic discharge.

The THERMOLAST® K AD1/AS series demonstrates remarkable versatility for various applications across diverse industries and products. From handles for hand tools and power tools to soft-touch grips, switches, and mats, the series enhances user experience by offering both comfort and static-dissipative properties. It excels in cable management with reliable solutions for holders and clips. It is ideal for soft-touch components in gaming consoles.

For electric and electronic components, the series ensures static-dissipative properties, crucial for safeguarding sensitive electronics. Additionally, the THERMOLAST® K AD1/AS series provides durability and exceptional static dissipative performance in the realm of robotic parts, meeting stringent standards in advanced robotics. This breakthrough material solution comprehensively addresses the varied needs of industries and products.

KRAIBURG TPE is excited to bring this innovative TPE material solution to the Asia Pacific market, as it offers manufacturers the materials they need to create cutting-edge products that meet the highest standards of performance and quality.

### **Sustainability successes of our TPEs**

KRAIBURG TPE's recent sustainability innovations include a series of material solutions specially developed for automotive, consumer, consumer

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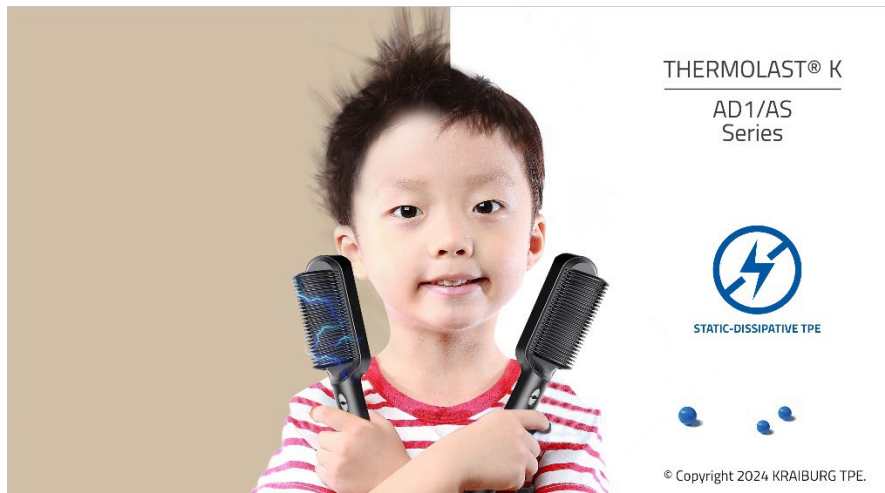
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electronics, wearables and industry applications. Comprising up to 48% post-consumer recycled (PCR) and 50% post-industrial recycled (PIR) content, the material complies with multiple global standards such as FDA raw material compliance, RoHS and REACH SVHC requirements. KRAIBURG TPE also provides customers with product carbon footprint values.

Are you looking for a sustainable TPE solution? [Talk to us!](#)

Our experts are happy to answer any questions you have, as well as to offer the right solution for your application.



**(Photo: © 2024 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 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.