

## Press Release

**TPEs offer more food for thought in kitchenware**

**Kuala Lumpur, August 2022**

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### **TPEs offer more food for thought in kitchenware**

*KRAIBURG TPE, a global TPE manufacturer of a diverse range of thermoplastic elastomer products and custom solutions for a variety of industries, offers the THERMOLAST® K FC/AD1 and FC/AD/PP series of TPE compounds for kitchenware applications.*

Lean and efficient kitchen designs are making a comeback to reflect the current trend for practicality and healthy living. Thus, convenience and safety are prioritized in modern yet functional kitchen designs.

Based on this, ergonomic kitchenware is designed to help make food preparation less of a chore and more of a joyful experience. For this reason, advanced materials such as thermoplastic elastomers (TPEs) are becoming more popular as kitchen utensils.

KRAIBURG TPE, a global TPE manufacturer of a wide range of TPE products and custom solutions for multiple industries, offers high-quality and custom-engineered TPE compounds that allow kitchenware manufacturers to benefit from the food-safe, flexible and soft-touch feel of TPEs.

### **THERMOLAST® K: Smooth culinary performance**

KRAIBURG TPE's THERMOLAST® K compound has exceptional durability and mechanical qualities. It gives products a unique smooth touch and silky surface, anti-slip qualities, with varied color options.

Additionally, its high elasticity; heat resistance and good abrasion, as well as flexibility makes it ideal for a wide range of utensils, such as spatulas, spoons, colanders, and many more.

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Similarly, the TPE material's tactile nature and anti-slip properties improves the grip of implements such as kitchen knives and kitchenware handles.

With outstanding adhesion qualities to polar thermoplastics such as ABS, PC, and PC/ABS, the THERMOLAST® K compound is able to adhere to a variety of materials, allowing for flexibility in designing kitchenware products.

### **Kitchenware with a premium feel**

KRAIBURG TPE's FC/AD1 series of compounds' feature a dry haptic advantage, allowing a silky surface and comfortable grip for kitchenware such as the handles of knives and food-cutting scissors; grips for bottles, spatula grips, and other utensils.

The food-approved series complies with a wide range of regulations including EN71-3, Regulation (EU) No 10/2011, US FDA CFR 21 (raw material conformity), and UL 94 HB.

The FC/AD1 series also adheres well to PC, ABS, PC/ABS, ASA, SAN, PET, and PETG, and offers a wide hardness range of 30-90 Shore A, making it excellent for use in a number of kitchenware applications.

### **Safer food preparation**

Meanwhile, KRAIBURG TPE's FC/AD/PP series of compounds conforms to known food contact regulation such as China GB4806-2016, US FDA CFR 21 and Regulation (EU) No 10/2011, as well as the regulatory norms of the Asia Pacific market.

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Other features include the good mechanical properties and a silky, non-sticky surface, which is especially useful in food preparation applications such as chopping boards. With a hardness of 30-90 Shore A, this series is the choice material for most everyday applications.

### **Color versatility for enhanced aesthetics**

In addition to ensuring product quality and safety, KRAIBURG TPE's compounds are highly colorable, adding an aesthetic dimension to the overall product design.

The company's in-house coloring team can provide the correct shade of colors and promptly distribute color samples with excellent delivery times with guaranteed color quality consistency all over the world.

### **Sustainability successes of our TPE**

Besides the materials for kitchenware, KRAIBURG TPE's recent sustainability innovations include a specially developed material solution for automotive, medical, and industry applications comprising post-consumer recycled (PCR) and post-industrial recycled (PIR) content.

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.

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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 680 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.