

## Press Release

**TPE makes the cut in shavers and razors**

Kuala Lumpur, September 2021

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### **TPE makes the cut in shavers and razors**

**KRAIBURG TPE, a global TPE manufacturer with a diverse range of TPE products and custom solutions for a variety of industries, caters to the personal hygiene market with its THERMOLAST® K series of compounds.**

Personal care tools such as shavers and razors are essential for hygiene and grooming. While brand and quality are important considerations for style-conscious consumers, features such as convenience, aesthetic appeal, durability, and user-friendliness are significant product differentiators that are likely to boost product demand.

To provide a valuable user experience, market leaders are developing more efficient products that use high-performance materials such as thermoplastic elastomers (TPEs).

The THERMOLAST® K series from KRAIBURG TPE, a global TPE manufacturer with a diverse range of TPE products and custom solutions for a variety of industries, is designed for use in personal care appliances like shavers and razors, ensuring consumers of durability, sanitary, and soft-touch features.

### **TPE with aesthetics and safety for razors and shavers**

KRAIBURG TPE's THERMOLAST® K food contact TPE compounds comply with various food contact regulations, including Regulation (EU) No. 10/2011, US FDA CFR Title 21 and EN71-3.

Selected THERMOLAST® K compounds also feature a wide hardness range, allowing for more flexibility in innovative designs and productions of razors and electric shavers. KRAIBURG TPE also offers halogen-free compounds (according to IEC 61249-2-21).

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Selected THERMOLAST® K series compounds can be in-process recycled. With in-line recycling, the compound series is a sustainable alternative since trims and scrap material can go back into a product, thus allowing for a cost-effective production.

### **FC/AP series: a sustainable alternative**

KRAIBURG TPE's THERMOLAST® K FC/AP series is a choice TPE material solution that meets regulatory requirements in daily life applications.

The FC/AP series has excellent adhesion to PP, and it can be processed through injection molding. It is available in two colors: natural and translucent, and also colorable in various color options, allowing for a variety of designs to be created.

Because of its non-sticky surface, it has been widely used in razors and shavers for grip applications, seals, soft touch surfaces, as well as functional and design components.

### **FC/AD1/PS series: soft and velvety compounds**

The THERMOLAST® K FC/AD1/PS series has excellent adhesion to polar thermoplastics such as ABS, PC, PC/ABS and PS. It is available in a natural color and can be colored in many different options.

Since the FC/AD1/PS series provides a soft and velvety feel, it is suitable to be applied on seals, grips, functional and design elements as well as soft touch applications such as buttons and thumb wheels for electric shavers.

The FC/AD1/PS series can be processed through injection molding and extrusion.

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### About KRAIBURG TPE

KRAIBURG TPE ([www.kraiburg-tpe.com](http://www.kraiburg-tpe.com)) is a globally operating manufacturer of Thermoplastic Elastomers. From its beginning in 2001 as a subsidiary of the historical KRAIBURG Group founded in 1947, KRAIBURG TPE has pioneered in TPE compounds, today being the competence leader in this industry. With production sites in Germany, the U.S., and Malaysia, the company offers a broad range of compounds for applications in the automotive, industrial, consumer, and strictly regulated medical sectors.

The established THERMOLAST®, COPEC®, HIPEX®, and For Tec E® product lines are processed by injection molding or extrusion and provide numerous advantages in processing and product design for manufacturers. KRAIBURG TPE features innovative capabilities as well as true global customer orientation, customized product solutions and reliable service.

The company is certified to ISO 50001 at its headquarters in Germany and holds ISO 9001 and ISO 14001 certifications at all global sites. In 2020, KRAIBURG TPE, with over 650 employees worldwide, generated sales of €184 million.