

Press Release

Serving up innovation in smart kitchen appliances with TPE

Kuala Lumpur, March 2020

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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 rolls out THERMOLAST® K TPE series for modern and smart kitchen appliances applications.

Smart home appliances have arrived in the modern kitchens, showcasing the wonders of the Internet of Things - from automated to sensor-enabled appliances to make the whole cooking process easier, faster and more convenient. Adoption for smart innovations is likewise gaining traction for their higher energy efficiency and thus, smaller carbon impact.

Smart kitchen devices provide a range of functions to make cooking, storing and cleaning more convenient, more efficient, quicker, and safer. Moreover, these modern kitchen devices help in keeping the freshness and taste of food, while at the same time aiding in minimizing food wastage.

Thermoplastics Elastomers (TPE) fit the requirements for durability, food safety and aesthetic design in standard or multiuse kitchen appliances such as food processors, air fryers, food dehydrators, steamers, multi-cookers, ovens, dishwashers, yogurt makers, blenders, coffee machines, and more. TPEs, with its scope of properties such as heat and cold resistance, are able to withstand the rigors of daily use in a busy kitchen.

KRAIBURG TPE, a global TPE manufacturer of a wide range of Thermoplastic Elastomer products and custom solutions for multiple industries, offers the THERMOLAST® K series for applications in kitchen appliances.

Media Contact

Simone Hammerl
Corporate Communications Manager
Phone: +49 8638 9810-568
simone.hammerl@kraiburg-tpe.com

Solution for trendy, high-performance design

The THERMOLAST® K series is applicable in stylish kitchen tools with soft touch, innovative shape and robust build, owing to its excellent mechanical properties including hardness range, elasticity, and thermal stability, as well as various coloring options available in-house.

Asia Pacific
Bridget Ngang
Marketing Manager Asia Pacific
Phone: +603 9545 6301
bridget.ngang@kraiburg-tpe.com

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The recommended series such as the FC/HE/tl series, which delivers excellent resilience properties, comes in translucent color that results in easy colorization. The TPE compound has possible applications in pump seal and sealing water container of coffee machine.

The FC/AP series exhibits good processing behavior and pleasant surface feel. Available in natural and translucent colors for easy coloring, the series is suitable for blender handle grip, rice cooker button, cake mixer handle, and more.

Also, KRAIBURG TPE has a broad THERMOLAST® K series range, which focuses to the requirements of various kitchen appliance applications.

A key ingredient for safety

The THERMOLAST® K series is recyclable; free of latex, PVC, phthalates, and bisphenol A; and there is no use of halogens and heavy metals. It has a high thermal stability and is compliant with the global standards for food-contact safety, such as the EU Regulation No 10/2011 the Food and Drugs Administration (FDA) Code of Federal Regulations (CFR), Title 21, and the EN71/3 European safety standard.

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For high-resolution photography, please contact Bridget Ngang

(bridget.ngang@kraiburg-tpe.com , +6 03 9545 6301).

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About KRAIBURG TPE

KRAIBURG TPE (www.kraiburg-tpe.com) is a global 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 processing and product design advantages to 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 2019, KRAIBURG TPE, with 645 employees worldwide, generated sales of 190 million euro.