

Press Release

Enhanced Ergonomics for Consumer Electronics

Kuala Lumpur, April 2022

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Enhanced Ergonomics for Consumer Electronics

KRAIBURG TPE is enthusiastically developing TPE solutions for consumer electronics to meet new trends that focus on sustainability, safety, and functionality. Thermoplastic elastomers (TPEs) are fast gaining popularity among industry players thanks its durability, flexibility, and reliability in consumer electronics applications – including a wide range of products and devices for entertainment, communication, and recreation.

Designing for Flexibility and Consistency

KRAIBURG TPE's compounds offer a variety of material solutions for the consumer electronic markets. These include good mechanical properties such as resistance to scratches, abrasions, and chemicals, and allow for colourful and soft-touch designs. The compounds are also free from heavy metals and other substances like latex, PVCs or phthalates to assure hazard-free use of the devices among the consumers.

Furthermore, to ease safety concerns, KRAIBURG TPE has selective TPE compounds, certified as per the UL94HB flammability, which determines the material's burn rate once ignited to prevent a fire risk.

Typical consumer electronic applications include watch and wrist bands, headphones, ear tips, game consoles, wireless automatic sensor, car phone holders and chargers, virtual reality (VR) devices, remote controls, and more.

Assortment of color options available

Besides benefiting from the compounds that display a wide processing window, KRAIBURG TPE offers worldwide color consistency quality, with various colorability options available for consumer electronic product designers and manufacturers.

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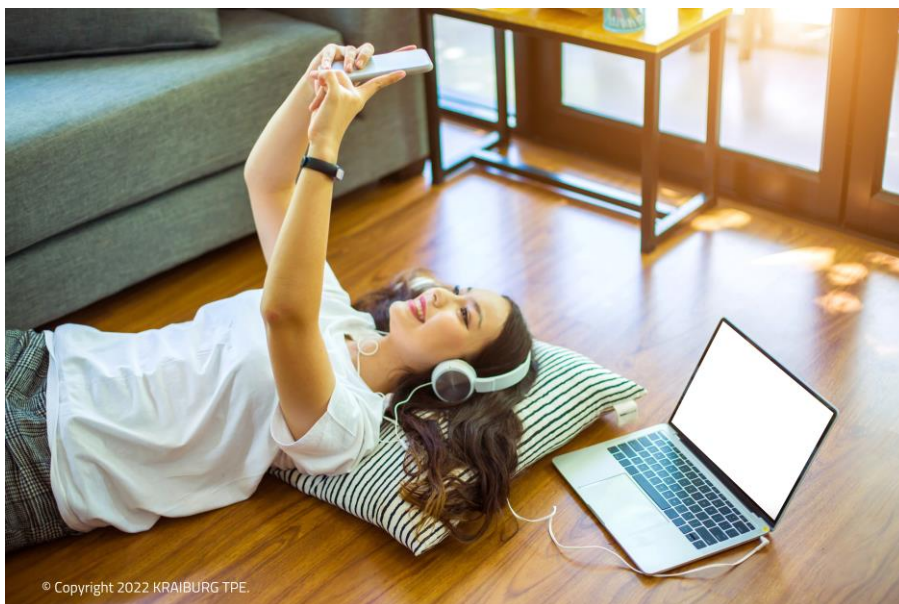
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(Photo: © 2022 KRAIBURG TPE)

For high-resolution photography, please contact Bridget Ngang
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KRAIBURG TPE (www.kraiburg-tpe.com) is a global manufacturer of thermoplastic elastomers. From its inception in 2001 as subsidiary of the historical KRAIBURG Group founded in 1947, KRAIBURG TPE has pioneered in TPE compounds, being the competence leader in this industry. The mission is to provide products that improve everyday life by offering safe, comfortable and more sustainable alternatives in plastics. With over 680 employees worldwide and production sites in Germany, the US, and Malaysia, the company offers a broad range of compounds for applications in the automotive, industrial, consumer, and for the 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.