

Press Release

KRAIBURG TPE: 6 Key Reasons Why Advanced TPE Keeps Headsets in Tune with Sustainability

Kuala Lumpur, April 2025

Page 1 of 4

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: 6 Key Reasons Why Advanced TPE Keeps Headsets in Tune with Sustainability

Everyday electronic devices like headsets can contribute to the growing problem of electronic waste (e-waste) at every stage of their lifecycle. Beyond addressing e-waste at its source, using eco-friendly materials that comply with global safety standards and align with market demand for [sustainability](#) can help manufacturers unplug from the e-waste cycle.

Sustainable TPE for Lower Carbon Impact

KRAIBURG TPE, a global manufacturer in innovative thermoplastic elastomers (TPE), provides material solutions designed to [reduce carbon footprints](#) while meeting the demands of various applications, including headsets.

These materials contain up to 48% post-consumer recycled (PCR) and 50% post-industrial recycled (PIR) content, conforming to various global standards, including REACH SVHC and RoHS, ensuring they are free of restricted chemicals or hazardous substances as per European regulations.

The TPE series also meets food contact regulatory criteria, including (FDA) CFR 21. Additionally, the compounds comply with the [Global Recycle Standard \(GRS\)](#) for the sustainable use of recycled materials in products.

TPEs for Optimized Recyclability

These compounds provide easy adhesion to PP, ABS/PC, and PA, along with UV stability and resistance to temperature, chemicals, and abrasion.

Media Contact

Marlen Sittner
Head of Digital Marketing
Team Corporate Communications
Phone: +49 8638 9810-272
marlen.sittner@kraiburg-tpe.com

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

Press Release

KRAIBURG TPE: 6 Key Reasons Why Advanced TPE Keeps Headsets in Tune with Sustainability

Kuala Lumpur, April 2025

Page 2 of 4

Featuring traceable bio-based carbon content certified by ASTM D 6866, they can be processed similarly to fossil-based TPE and are recyclable in post-consumer waste streams. In-process recycling is also possible, with individual compounds containing more than 60% bio-content.

Style on the Beat with TPE

KRAIBURG TPE's compounds are highly versatile, meeting the design and functionality requirements of electronic device manufacturers. Available in various shades, these TPE compounds are colorable, offering options for precise coloring and pre-coloring customization, for products to stand out.

Designed for durability, within a hardness range of 30 to 85 Shore A, they also feature soft-touch, non-slip, and oil-free grip properties, allowing for easier handling and assembly. This results in headsets that are comfortable to wear and can withstand daily use.

As well, the compounds offer a smooth touch experience, which is an essential quality for products that will be frequently handled or used in applications requiring tactile interaction.

Audio devices made with KRAIBURG TPE's materials are sure to benefit from reliable, high-quality performance.

Furthermore, KRAIBURG TPE's commitment to sustainability in its manufacturing processes allows customers to utilize materials that are environmentally friendly and promote responsible sourcing practices. This aligns with the growing consumer demand for eco-friendly electronics and enhances a brand's reputation.

Press Release

KRAIBURG TPE: 6 Key Reasons Why Advanced TPE Keeps Headsets in Tune with Sustainability

Kuala Lumpur, April 2025

Page 3 of 4

To learn how to offer a more sustainable alternative without compromising on quality or performance:

[Visit KRAIBURG TPE IN CHINAPLAS 2025](#)

Meet us in Hall 17, booth no: Q71 to explore our innovative and sustainable TPE solutions and connect with industry experts.

Register at <https://forms.office.com/e/dkNkW7mN4a> for your FREE Visitor Pass and Booth appointment! Hurry - availability is limited.



© Copyright 2025 KRAIBURG TPE.

(Photo: © 2025 KRAIBURG TPE)

For high-resolution photography, please contact Bridget Ngang (bridget.ngang@kraiburg-tpe.com , +6 03 9545 6301).

Information for members of the press:



[download high-resolution images](#)



[latest news on KRAIBURG TPE](#)

Press Release

KRAIBURG TPE: 6 Key Reasons Why Advanced TPE Keeps Headsets in Tune with Sustainability

Kuala Lumpur, April 2025

Page 4 of 4

Let's connect on Social Media:



Follow us on WeChat



KRAIBURG TPE (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 698 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.