

## Press Release

**KRAIBURG TPE: Upgrading Scuba Flippers with Innovative Materials**

Kuala Lumpur, January 2024

Page 1 of 4

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### KRAIBURG TPE: Upgrading Scuba Flippers with Innovative Materials

Scuba diving enthusiasts are always on the lookout for advanced equipment to elevate their underwater adventures, and among these essential tools, scuba flippers play a pivotal role. Traditionally, scuba flippers have been constructed from various materials like rubber and plastics. However, KRAIBURG TPE, the global manufacturer of innovative TPE materials, is taking a giant leap in upgrading scuba flippers with its cutting-edge THERMOLAST® K GP/FG series.

#### Unlocking New Spectrums of Advantages

The use of KRAIBURG TPE's innovative materials in scuba flippers has unlocked new spectrums of advantages. The flexibility of TPEs allows for optimized energy transfer during each kick, resulting in enhanced propulsion and efficiency underwater. The material's durability ensures prolonged usage, making scuba flippers a reliable companion during countless underwater adventures.

KRAIBURG TPE's **THERMOLAST® K** <https://www.kraiburg-tpe.com/en/thermolast-k> GP/FG series offers a unique blend of flexibility, durability, and exceptional adhesion properties. The outstanding adhesion to PP ensures that scuba flippers remain securely bonded, providing confidence in their longevity. Comfort is enhanced with a **soft-touch surface** <https://www.kraiburg-tpe.com/en/tpe-thrilling-deep-sea-fishing> that reduces chafing during extended dives. Optimized mechanical properties boost momentum and underwater performance, resulting in smoother movements.

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Page 2 of 4

Moreover, these halogen-free TPEs meet **environmental and safety standards**. <https://www.kraiburg-tpe.com/en/industry> With options for in-process recycling and availability in natural and black colors, these TPEs cater to divers' diverse needs.

### **Sustainability successes of our TPEs**

Besides scuba flippers applications, KRAIBURG TPE's recent sustainability innovations include a series of specially developed material solutions for automotive, consumer, consumer electronics, wearables and industry applications. Comprising up to 48% post-consumer recycled (PCR) and 50% post-industrial recycled (PIR) content, the material complies with multiple global standards such as FDA raw material compliance, RoHS and REACH SVHC requirements. KRAIBURG TPE also provides customers with product carbon footprint values.

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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Page 3 of 4



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For high-resolution photography, please contact Bridget Ngang  
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**Page 4 of 4**

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.