

Press Release

KRAIBURG TPE's Advanced Sustainable TPE Solutions for Foldable Buckets

Kuala Lumpur, July 2024

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KRAIBURG TPE's Advanced Sustainable TPE Solutions for Foldable Buckets

Foldable buckets have emerged as indispensable companions for outdoor enthusiasts, travelers, and households, offering unparalleled convenience and portability. Recognizing the growing demand for high-performance solutions, KRAIBURG TPE proudly introduces its innovative Thermoplastic Elastomer (TPE) materials, poised to elevate the foldable bucket manufacturing industry.

Introducing the THERMOLAST® R RC/FC/PCR/AP Series

The [THERMOLAST® R](#) RC/FC/PCR/AP series, crafted by KRAIBURG TPE, represents a breakthrough in sustainable material engineering. With a significant 20% post-consumer recycled content, these TPE formulations are not delivering exceptional performance and durability.

Key material advantages of KRAIBURG TPE's THERMOLAST® R series include:

- **Adhesion to PP** for secure bonding
- **Thermoplastic alternative to traditional elastomers**, such as EPDM and PVC-P
- **Optimized mechanical properties** for enhanced durability
- [Non-sticky surface](#) and **soft haptic** for improved user experience
- **Temperature stability** up to 80°C for versatile applications
- **Compliance** with US FDA CFR 21 standards for raw material conformity
- **Injection molding** compatibility for streamlined manufacturing processes
- **Colorable**, precoloration in all colors

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These [sustainable TPE](#) materials from KRAIBURG TPE find ideal applications across various sectors, including function and design elements, grip applications, handles and grips for consumer goods, [toothbrushes](#), razors, toys, household articles, seals for housings and containers.

With the introduction of KRAIBURG TPE's THERMOLAST® R series, manufacturers can now create foldable buckets that not only meet the demands of modern consumers but also contribute to a more sustainable future.



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For high-resolution photography, please contact Bridget Ngang
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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 tailored products for customer applications. With more than 660 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.