

Press Release

KRAIBURG TPE's new innovative recycled TPEs for Asia-Pacific

Kuala Lumpur, October 2022

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KRAIBURG TPE's new innovative recycled TPEs for Asia Pacific

KRAIBURG TPE, a global TPE manufacturer of thermoplastic elastomer products and custom solutions for a variety of industries, is offering its latest THERMOLAST® R RC/PCR/AP and RC/FC/PCR/AP sustainable TPE compounds for universal industrial and consumer applications.

THERMOLAST® R - RC/PCR/AP series for the Asia-Pacific market

KRAIBURG TPE's THERMOLAST® R RC/PCR/AP series is a new range of PCR TPE compounds targeted specifically for the industrial sector in the Asia-Pacific market.

Low Shwu Ping, Product Developer, says, "KRAIBURG TPE is raising sustainability awareness with a mature alternative through our Asia Pacific targeted RC/PCR/AP & RC/FC/PCR/AP series. This new innovation is our multi-tool in the field of compounds comprising of post-consumer recycled content."

Engineered for universal industrial applications

KRAIBURG TPE's THERMOLAST® R RC/PCR/AP series is adaptable to universal industrial applications, thanks to its non-sticky surface and comfortable grip, among many other advantages.

The RC/PCR/AP series includes compounds with 25-48% post-consumer recycled content (harness-dependent) for a wide range of applications requiring adhesion to PP in multi-component parts or single component parts.

The RoHS-compliant RC/PCR/AP series has a hardness range of 50-90 Shore A.

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With good mechanical properties and flowability, the series is ideal for tool handles (hand and power tools) and grip applications, as well as grommets, functional and design elements, connectors, cable clips, and electric and electronic components.

THERMOLAST® R – RC/FC/PCR/AP series for the consumer market

KRAIBURG TPE's THERMOLAST® R RC/FC/PCR/AP series, with post-consumer recycled content of 9-38% (hardness-dependent), are targeted specifically for consumer applications in the Asia Pacific market.

The series offers good adhesion with PP through the multi-component injection molding process, allowing for flexibility in product designs.

The series complies with food contact regulatory standards, (FDA) CFR21 conform as well as REACH SVHC and RoHS compliances.

It comes in natural and translucent colors allowing in-house pre-coloration. With a wide range of colors available, the materials can be colored in many different ways to deliver colourful, trendy and food-safe applications.

Furthermore, the sustainable series features low odor and good haptics, improving functional designs, thereby allowing manufacturers to be more creative with their product applications for household articles, razors, toys, grip applications, toothbrushes and more.

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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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 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.