

## Press Release

**KRAIBURG TPE Redefines Car Antennas with Eco-Friendly TPE Solutions**

Kuala Lumpur, April 2024

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### KRAIBURG TPE Redefines Car Antennas with Eco-Friendly TPE Solutions

In the fast-paced world of automotive technology, each component plays a pivotal role in enhancing performance, durability, and aesthetics. Among these components, the car antenna stands as a vital element, ensuring reliable reception while contributing to the vehicle's overall design.

#### Shaping the Future of Car Antennas

KRAIBURG TPE, a renowned leader in thermoplastic elastomers, proudly unveils its latest breakthrough in **automotive materials** <https://www.kraiburg-tpe.com/en/automotive> – the specialized THERMOLAST® R RC/UV/AP series. This cutting-edge material represents a fusion of advanced technology and environmental sustainability, setting new standards for automotive antenna design.

#### Innovative Material Advantages

The THERMOLAST® R RC/UV/AP series boasts a range of material advantages that redefine automotive antenna performance:

- Incorporates 15% - 40% recycled raw materials, aligning with **sustainability goals**. <https://www.kraiburg-tpe.com/en/sustainability>
- Demonstrates exceptional adhesion to PP for seamless integration.
- Features low density for lightweight design without compromising durability.
- Exhibits temperature stability up to 90°C, ensuring reliable performance in various conditions.
- Offers superior **weather resistance**, <https://www.kraiburg-tpe.com/en/cutting-edge-cowl-automotive-industry> making it ideal for exterior automotive applications.
- Enables recycling-specific raw material influences for enhanced sustainability.

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- Utilizes injection molding for efficient and cost-effective manufacturing.
- Available in sleek black color for seamless integration with vehicle aesthetics.

The RC/UV/AP series extends to various automotive applications, including water deflectors, roof rack seals, window encapsulations, cowls gaskets, automotive exterior components, end caps and covers, applications for new mobility solutions, underbody applications, door and window seals for outdoor environments.

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

Besides car antenna, KRAIBURG TPE's recent sustainability innovations include a series of material solutions specially developed 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!](#)

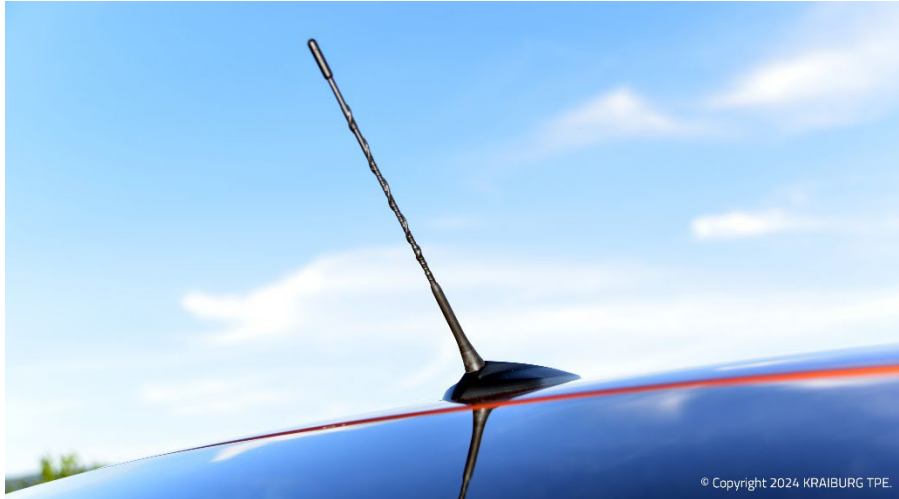
Our experts are happy to answer any questions you have, as well as to offer the right solution for your application.

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(Photo: © 2024 KRAIBURG TPE)

For high-resolution photography, please contact Bridget Ngang  
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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 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.