

## Press release

**KRAIBURG TPE offers international standard of low odour and emission TPE**

Kuala Lumpur, Jan 2019

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### **KRAIBURG TPE offers new TPE for low odour and emission standard for automotive applications.**

Many in-dept tests have shown that air pollutants levels are higher in-vehicle than outside on the road. These fine airborne particulate matter and material emissions found inside the car can bring adverse health impacts, ranging from respiratory ailments to cardiovascular conditions.

Vehicle Interior Air Quality (VIAQ) studies have found that plastics and rubbers used in vehicle interior components release volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs). That said, regulatory bodies are exerting more effort to develop harmonized methods of testing volatile substance emissions and evaluating indoor air quality in vehicles. This has required automakers to comply with differing guidelines and testing procedures frameworks for VIAQ adopted in several countries in Asia, the US and Europe.

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### **New TPE materials for low odour and emission standard for automotive applications.**

Thermoplastic elastomers (TPEs), as the widely used materials for automotive applications meet the low-odour requirement of the industry. KRAIBURG TPE offers a high performance TPE range, such as its recently launched FG/SF THERMOLAST® K series, which features low emission, low-odour and UV-resistance compounds that are easy to process.

	<b>OEM Market Specifications (General)</b>	<b>KRAIBURG TPE Interior TPE Materials</b>
<b>Odour VDA 270</b>	<b>&lt;= 3</b>	<b>3</b>
<b>VOC VDA 278</b>	<b>500µg/g</b>	<b>260 µg/g</b>
<b>SVOC VDA 278</b>	<b>2000µg/g</b>	<b>915 µg/g</b>

Moreover, TPEs possess properties such as good weathering, oil, grease, and abrasion-resistance; fast, cost- effective processing; vibration-damping; and excellent adhesion markers. TPEs are used in vehicle interior applications such as control elements, anti-slip mats, window trims, cowl panels, spoilers, seals, air duct component, and many more.

### **Focus on total customer satisfaction**

KRAIBURG TPE in innovating materials that satisfy market criteria on VOCs and SVOCs, measures its success by customer satisfaction through a unique quality concept that takes people, processes and products into account, centred on exceptional, high quality and custom- engineered compounds.

Exceptional, high-quality, and custom-engineered compounds are our foundation. To support our customers in every way, we offer much more by way of technical expertise, individual advisory, and one-of-a-kind customer service. KRAIBURG TPE always takes the extra steps to stay right by your side.

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### More to come soon

Stay tuned with KRAIBURG TPE for more innovative achievements and industry-breaking news in the coming months.

### About KRAIBURG TPE

KRAIBURG TPE ([www.kraiburg-tpe.com](http://www.kraiburg-tpe.com)) is a global manufacturer of thermoplastic elastomers. From its beginning in 2001 as subsidiary of the historical KRAIBURG Group founded in 1947, KRAIBURG TPE has pioneered in TPE compounds, today being the competence leader in this industry. With production sites in Germany, the US, and Malaysia the company offers a broad range of compounds for applications in the automotive, industrial, consumer, and for the strictly regulated medical sectors. The established THERMOLAST<sup>®</sup>, COPEC<sup>®</sup>, HIPEX<sup>®</sup>, and For Tec E<sup>®</sup> product lines are processed by injection molding or extrusion and provide numerous processing and product design advantages to manufacturers. KRAIBURG TPE features innovative capabilities as well as true global customer orientation, customized product solutions and reliable service. The company is certified to ISO 50001 at its headquarters in Germany and holds ISO 9001 and ISO 14001 certifications at all global sites. In 2017, KRAIBURG TPE, with over 620 worldwide employees, generated sales of 178 million euros.

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