

Press Release

KRAIBURG TPE to unveil breakthrough industry innovations in CHINAPLAS 2022

Kuala Lumpur, February 2022

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KRAIBURG TPE is set to dazzle the industry with its innovative TPEs in CHINAPLAS 2022, from 25-28 April at Hall 7.2, Booth No. J122, the National Exhibition and Convention Center (NECC) in Shanghai, China. The recognized TPE manufacturer will be showcasing its breakthrough TPE series for automotive interior and exterior applications, and THERMOLAST® H TPEs for medical and healthcare devices. Also on show will be its latest TPE series for consumer electronics and food contact packaging applications.

All over the world, the demand for essential goods including automobile, consumer electronics, packaging and medical are evolving to meet new trends that focus on sustainability, safety, and functionality. These are further aided by new innovations in materials, designs, and technology.

KRAIBURG TPE, a global TPE manufacturer of high-quality, innovative, and custom-engineered TPEs is keeping pace with the demand for advanced material solutions, especially for high-growth industries. The company will be exhibiting its latest TPE compounds and applications at the 35th edition of CHINAPLAS 2022.

Driving material innovation in automotive parts

KRAIBURG TPE's automotive TPE series fits the criteria for safe, durable, and high-quality automobile parts. For the automotive exterior, the compounds feature superior thermal stability, UV resistance, and good weathering. The compounds exhibit excellent adhesion to a broad range of thermoplastics including PP, PP+30% glass fiber, SAN, ASA, PMMA, PC/ABS, and nylon allowing for design innovation and flexibility of parts processing with multi-component injection molding.

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For automotive interior applications, the TPE compounds offer many other material advantages, including abrasion, chemical and scratch-resistance, dry and visually appealing surface with optimized touch as well as vibration-damping. KRAIBURG TPE's low odor and low emission compounds are also ideal for interior automotive parts as they satisfy automotive interior VOCs and SVOCs market criteria.

In addition, the selective TPE series' lightweight properties are ideal for diverse automotive applications. They offer a homogenous surface, provide excellent compression set value and can be processed cost effectively using established injection-molding machines and extruders.

KRAIBURG TPE's compounds also meet OEM approvals from major global automotive standards and have passed the Kalahari and Florida testing standard.

Steering towards global sustainability

Besides driving innovation, KRAIBURG TPE's compounds are recyclable, driving further support for environmental efforts globally in the automotive industry.

Healthcare and medical devices

KRAIBURG TPE will be unveiling its new THERMOLAST® H product line in CHINAPLAS 2022, targeting healthcare and medical device applications exclusively within the Asia Pacific market.

KRAIBURG TPE's THERMOLAST® H compounds are free from toxic substances and contain neither latex, PVC, phthalates, nor heavy metals.

Furthermore, the compounds comply with ISO 10993-5, GB/T 16886.5, and other relevant medical standards. KRAIBURG TPE's THERMOLAST® H meets global food regulatory standards such as China GuoBiao (GB) GB4806, FDA-Code of Federal Regulations (CFR) Title 21, and Commission

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Regulation (EU) No. 10/2011. Moreover, it complies with RoHS and REACH standards and is sterilizable with autoclave 121°C and EtO.

With good adhesion to PP and PE, haptics and compression set, THERMOLAST® H is suitable for applications such as closures, flexible connections, medical tubing, syringe gaskets, catheter connectors, mouthpieces, and more; as well as for applications requiring soft-touch features such as grips, switches, and mats.

Enhanced ergonomics for consumer electronics and food contact packaging

KRAIBURG TPE's innovation has also made headway in wearable technology applications such as watch and wrist bands, headphones, ear tips, game consoles, wireless automatic sensor, car phone holders and chargers, virtual reality (VR) devices, remote controls, and more.

The compound series are designed to deliver desired properties such as soft touch feel, abrasion, oil and chemical resistance along with skin-safe contact properties.

KRAIBURG TPE's compounds provide manufacturers with benefits such as ease of coloring, impact resistance and the ability to create hard-soft touch combinations to achieve innovative designs or functional elements.

Meanwhile, in consumer food packaging, the compound series offers excellent organoleptic properties to help maintain food and beverages flavor. The low migration feature also makes the compounds the material of choice for all food types including fatty food contact applications, especially for food packaging. Such applications include squeeze bottles, closures, seals, valves and other food packaging solutions.

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Tech Talk Forum

KRAIBURG TPE will be a key participator in CHINAPLAS 2022's TECHTALK forum, giving industry visitors the opportunity to learn more about TPE solutions for Automotive, Medical and healthcare applications.

Join us in the following TECHTALK forum:

- a) 25 April, 11.30am - 11.50am at Hall 1.2: KRAIBURG TPE Offers Innovative Lightweight TPE Solutions
- b) 26 April, 11.15am - 11.35am at Hall 1.2: NEW THERMOLAST® H TPEs for Medical and Healthcare Devices from KRAIBURG TPE

Get your FREE visitor badges for booth appointment

Booth appointments are open for professional technical support and sales enquiries at Hall 7.2, Booth J122 in CHINAPLAS 2022 from 25 till 28 April 2022.

Additionally, KRAIBURG TPE is offering free visitor badges for interested visitors to our booth. Hurry, limited units are available! Scan the QR code to get yours today!



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(Photo: © 2022 KRAIBURG TPE)

For high-resolution photography, please contact Bridget Ngang (bridget.ngang@kraiburg-tpe.com , +6 03 9545 6301).

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About KRAIBURG TPE

KRAIBURG TPE (www.kraiburg-tpe.com) is a globally operating manufacturer of Thermoplastic Elastomers. From its beginning in 2001 as a 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 U.S., and Malaysia, the company offers a broad range of compounds for applications in the automotive, industrial, consumer, and strictly regulated medical sectors.

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The established THERMOLAST®, COPEC®, HIPEX®, and For Tec E® product lines are processed by injection molding or extrusion and provide numerous advantages in processing and product design for 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 2020, KRAIBURG TPE, with over 650 employees worldwide, generated sales of €184 million