

For Immediate Release

**KRAIBURG TPE: Kraiburg TPE to introduce new TPE Automotive and Smart Wearable Electronic Device in CHINAPLAS 2016**

**Kraiburg TPE** will participate in CHINAPLAS 2016, the 30th International Exhibition on Plastics and Rubber Industries, which will be held on April 25-28, 2016 at Shanghai New International Expo Centre, PR China.

Kraiburg TPE is back again for CHINAPLAS 2016 and set to capture the audiences' attention more than before with two innovative TPE products. The global TPE competence leader has participated in many CHINAPLAS trade exhibitions over the years, and every year, the response to our presence is nothing short of overwhelming.

Kraiburg TPE will once again participate in the 30th CHINAPLAS 2016 Rubber and Plastics Trade Exhibition from 25-28 April, 2016 at the Shanghai New Expo Centre at Booth S03, Hall N1. This year, the leader in customizable TPE will be unveiling its cutting-edge automotive UV/HF and UV/HF/SF series, and the breakthrough COPEC® series for wearable personal devices.

**Kraiburg TPE UV/HF and UV/HF/SF series**

The UV/HF Series parked under THERMOLAST® K is the material solution for applications requiring high UV resistance and high flowability, particularly automotive exterior components. Thermoplastic elastomers based on styrene block copolymers (TPS) have the advantage of production flexibility that are applicable to a diverse range of products and can be customized via the choice of additives, dyes and other thermoplastics. They are also less demanding in terms of processing parameters than other TPE materials, such as TPVs (thermoplastic vulcanizates) and TPUs (thermoplastic polyurethane elastomers). As a result, they do not experience significant loss of UV resistance at critical processing parameters, such as high shear rates or elevated temperatures. Its use is not only confined to the automotive sectors, but for the consumer, industrial and medical sectors as well.

The material advantages of the UV/HF Series are easy flowability, excellent processing behaviour, and perfect adhesion to PP. It is tested according to PV3930 for outdoor use on typical applications such as cowls, gaskets, roof rims, water deflectors and window encapsulations. It uses injection moulding as its processing method and meets the specifications of VOLKSWAGEN PV 3930 with hardness ranging from 52-92 Shore A. Like the UV/HF Series, the THERMOLAST® K UV/HF/SF Series is targeted towards automotive exterior components requiring high UV resistance, perfect surface finish and high flowability. It is easy flowing,

exhibits excellent processing behaviour, adheres perfectly to PP with perfect surface finish and is tested according PV3930 for outdoor use. Typical applications include cowls, gaskets, roof rims, water deflectors, window encapsulations and other exterior automotive applications. Its hardness ranges from 49 to 86 Shore A and conforms to Volkswagen standard Kalahari dry heat PV 3929 and Florida moist hot climate PV 3930 weathering resistance.

#### COPEC® for wearable personal devices

As the demand for wearable devices like ear pieces, eyeglass frames, watches increase, so does the demand for comfortable, silky soft and irritation-free material. Kraiburg TPE's COPEC® is one of them. Because TPE is totally free of all latex, PVC and heavy metals, COPEC® is the ideal material for wearable devices as it resists dirt and withstands the everyday external stresses such as UV radiation, skin oils and lubricating greases. More importantly, it is irritation-free to the end user in the wearable consumer electronics segment. COPEC® is processed as part of dual-component injection moulding with polycarbonate (PC) using a production approach which simplifies manufacturing, slashes cycle times and eliminates the need for additional work procedures. The material is colourable with excellent colour stability to meet the diverse needs of the fast expanding wearable personal devices market. COPEC® has been tested on the flexible ear pieces of the new astrospec 2.0 safety glasses, a collaboration between uvex and Kraiburg TPE. The COPEC®-engineered safety glasses exhibited silky smooth user comfort, remains firmly in place on any face and also feature triple adjustment and the glasses fold flat after use.

#### 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®, COPEC®, HIPEX®, and For Tec E® 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 2015, Kraiburg TPE, with over 500 worldwide employees, generated sales of 150 million euros.

#### Photo Caption:

Thermoplastic Elastomers

**High Resolution Photo:**

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**About CHINAPLAS 2016**

CHINAPLAS 2016 is organized by Adsale Exhibition Services Ltd. and co-organized by China National Light Industry Council - China Plastics Processing Industry Association, China Plastics Machinery Industry Association, Messe Düsseldorf China Ltd., the Plastic Trade Association of Shanghai and Beijing Yazhan Exhibition Services Ltd. The event is also supported by various plastics and rubber associations in China and abroad.

First introduced in 1983, CHINAPLAS is China's only plastics and rubber trade show approved by UFI (The Global Association of the Exhibition Industry). CHINAPLAS has been exclusively sponsored by the Europe's Association for Plastics and Rubber Machinery Manufacturers (EUROMAP) in China for the 27th time. CHINAPLAS is currently Asia's No. 1 and the world's No. 2 plastics and rubber trade fair. CHINAPLAS 2016 is expected to have 3,200 exhibitors from 40 countries and regions, 13 international pavilions from Austria, Canada, France, Germany, Italy, Japan, Korea, PR China, Switzerland, Turkey, Taiwan, UK and USA together occupying an exhibition area of over 240,000 sqm, to showcase their diversified chemicals and raw materials and over 3,800 sets of advanced machines. The 4-day exhibition is expected to attract over 140,000 trade visitors from 150 countries or regions. Online pre-registration is available now till April 19, 2016. Pre-registered visitors can enjoy free admission. For more details, please visit the official website at <http://www.ChinaplasOnline.com>.

**\*\* The End \*\***

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**For media enquiry on the exhibits, please contact:**



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