

Press Release

KRAIBURG TPE develops next generation medical resealing compound for Asia Pacific

Kuala Lumpur, March 2022

Page 1 of 5

KRAIBURG TPE Technology
(M) Sdn Bhd
Lot 1839 Jalan KPB 6
Kawasan Perindustrian Balakong
43300 Seri Kembangan, Selangor,
Malaysia

Phone +60 3 9545 6393

Info-asia@kraiburg-tpe.com
www.kraiburg-tpe.com

KRAIBURG TPE develops next generation medical resealing compound for Asia Pacific

KRAIBURG TPE, a global manufacturer of a diverse range of thermoplastic elastomer products and custom solutions for a variety of industries, is introducing its latest HC/RS/AP resealing series, under the THERMOLAST® H range of TPE compounds for healthcare and medical resealing applications.

Seals have a significant impact on the functionality of medical devices, as well as the condition of the substance delivered by the device, and the success of the treatment for which it is employed. Seals for medical, pharmaceutical, biotechnology and other life sciences applications are used to prevent contamination, leakages, and spillages. They must also exhibit good mechanical performance, chemical resistance, biocompatibility, and other capabilities.

Finding the right material to fit the requirements of innovative designs, especially for medical device components such as resealing systems, is vital for optimizing functionality and performance.

Hence, thermoplastic elastomers (TPEs), which offer many material advantages over traditional medical rubbers or plastics, are becoming increasingly popular in the medical and healthcare sectors.

As the global competence leader in thermoplastic elastomer compounds, KRAIBURG TPE offers high-quality, custom-engineered TPE compounds that match the challenges of medical device designs, such as sealing applications.

Media Contact

Marlen Sittner
Head of Digital Marketing
Team Corporate Communications
Phone: +49 8638 9810-272
marlen.sittner@kraiburg-tpe.com

Asia Pacific
Bridget Ngang
Marketing Manager Asia Pacific
Phone: +603 9545 6301
bridget.ngang@kraiburg-tpe.com

Press Release

KRAIBURG TPE develops next generation medical resealing compound for Asia Pacific

Kuala Lumpur, March 2022

Page 2 of 5

"By manufacturing the THERMOLAST® H compounds in Malaysia, at our facility in Seri Kembangan, we will be able to provide our Asian customers a high-quality product with quick lead times. Coupled with application and technical support, and product customization, customers will be able to rely on us for their needs," commented Aditya Purandare, Project Manager of the Market Launch of THERMOLAST® H Asia Pacific.

Material solutions with seal of approval

KRAIBURG TPE's THERMOLAST® H HC/RS/AP family of compounds boasts good adhesion to PP and PE, making it ideal for medical and healthcare resealing applications such caps, closures, membranes, and plugs.

Furthermore, the series has a low density and can be sterilized by autoclave at 121°C and EtO, making it ideal for use on resealing caps for sample and test tubes, medical vial closures, as well as the membranes in disposable insulin syringes.

Available in translucent color and various color options, the compounds are able to cater to the flexibility of innovative designs.

The compounds are safe for use, complying with ISO10993-5 and GB/T 16886.5 (cytotoxicity) standards, as well as many worldwide food contact and medical standards, including China GB 4806 – 2016, US FDA CFR 21, Regulation (EU) No 10/2011, REACH, and RoHS, and resealing performance is tested according to the DIN ISO 15759.

"Customers are assured of the THERMOLAST® H product value. We are confident of delivering material solutions that meet the medical standards in Asia Pacific, all thanks to our dedicated market support and expert knowledge in TPE products," says Lee Jia Yin, Product Specialist, KRAIBURG TPE.

Press Release

KRAIBURG TPE develops next generation medical resealing compound for Asia Pacific

Kuala Lumpur, March 2022

Page 3 of 5

Join us in the following:

KRAIBURG TPE Medical & Healthcare TPE Upcoming Event

1. CHINAPLAS TECHTALK FORUM- NEW THERMOLAST® H TPEs for Medical and Healthcare Devices

- Mandarin Session: 26 April 2022 ; 11.15a.m. - 11.35a.m. at CHINAPLAS 2022 , Hall 1.2 .

2. Visit us at CHINAPLAS 2022

- Join us at CHINAPLAS 2022, Hall 7.2, Booth J122, at the National Exhibition and Convention Center (NECC), Shanghai, from April 25 to 28, to learn more about THERMOLAST® H and other TPE compounds for various applications.

Get your FREE* visitor badges for booth appointment. Scan QR code.



**Subject to availability*

Press Release

KRAIBURG TPE develops next generation medical resealing compound for Asia Pacific

Kuala Lumpur, March 2022

Page 4 of 5



THERMOLAST® H
HC/RS/AP Series

(Photo: © 2022 KRAIBURG TPE)

Information for members of the press:



[download high-resolution images](#)



[latest news on KRAIBURG TPE](#)

Press Release

KRAIBURG TPE develops next generation medical resealing compound for Asia Pacific

Kuala Lumpur, March 2022

Page 5 of 5

Let's connect on Social Media:



Follow us on WeChat



KRAIBURG TPE (www.kraiburg-tpe.com) is a global manufacturer of thermoplastic elastomers. From its inception in 2001 as subsidiary of the historical KRAIBURG Group founded in 1947, KRAIBURG TPE has pioneered in TPE compounds, being the competence leader in this industry. The mission is to provide products that improve everyday life by offering safe, comfortable and more sustainable alternatives in plastics. With over 680 employees worldwide and 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.