

Press Release

THERMOLAST® H TPE for medical device applications

Kuala Lumpur, November 2021

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THERMOLAST® H TPE for medical device applications

Thermoplastic elastomers (TPEs) are gaining popularity in medical device applications due to their high purity, durability, recyclability, and other vital properties and features.

THERMOLAST® H is created to deliver high-quality material solutions, specifically for the Asia Pacific healthcare and medical device markets. It meets the Cytotoxicity ISO 10993-5, GB/T 16886.5, China GB 4806 – 2016, US FDA CFR 21, Regulation (EU) No 10/2011, and REACH and RoHS, as well as a variety of global food contact and medical standards.

Comfort and ease of use

Technology in medical devices must deliver user-friendliness and easy operation. In addition, they must also be ergonomically-driven for manual dexterity while ensuring control and comfort when using them.

KRAIBURG TPE's THERMOLAST® H is the ideal material solution for medical equipment, thanks to its excellent haptics and soft touch surface. It can be used for buttons, handles, grips, and other medical device applications.

More benefits at hand

THERMOLAST® H series compounds have excellent compression and sterilizability when autoclaved at 121°C, EtO. They come in a variety of hardness, ranging from 30 to 90 Shore A, with optimizable processability. Moreover, the translucent compounds can be colored to achieve a variety of chromatic effects.

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About KRAIBURG TPE

KRAIBURG TPE (www.kraiburg-tpe.com) is a global 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. 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 2019, KRAIBURG TPE, with 645 employees worldwide, generated sales of 190 million euro.