

Press Release

THERMOLAST® H TPE for Mouthpiece Applications

Kuala Lumpur, October 2021

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THERMOLAST® H TPE for Mouthpiece Applications

KRAIBURG TPE's new THERMOLAST® H TPE compounds are ideal for use in dental mouthpiece applications, also known as dental mouth guards. The TPE compounds feature good durability, flexibility, and with high purity properties

TPE series designed to meet dental tooling needs

The TPE compounds are free from animal ingredients, PVC, silicone and latex. The HC/AP series possess good chemical resistance, tear strength and compression for dental tooling applications in frequent contact with fluids and chemicals.

THERMOLAST® H also feature a wide range of hardness from 30-90 Shore A, with optimizable processability. The compound series is translucent and can be colored to create a variety of chromatic effects.

Safety as a priority for dental appliances

The THERMOLAST® H materials have been tested in accordance with ISO 10993-5 and GB/T 16886.5 (cytotoxicity). They meet internationally recognized safety and quality standards, such as the China GB 4806 – 2016; the US FDA CFR 21; Regulation (EU) No 10/2011; and REACH and RoHS.

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For high-resolution photography, please contact Bridget Ngang
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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.