**KRAIBURG TPE Offers TPE Solutions in Veterinary Medical Equipment**

KRAIBURG TPE, a global manufacturer of thermoplastic elastomer products and custom solutions for a wide range of industries, offers THERMOLAST® H HC/AP and HC/AD1/AP series of compounds for veterinary medical equipment applications.

Pet lovers all over the world have created a thriving market for pet care products and services. Animals are no longer treated as commodities, thanks to increased awareness of animal welfare.

As the number of chronic diseases in pets and livestock animals increases, so does the demand for better veterinary care. Owners of pets rely on veterinarians, who are at the core of the pet care ecosystem, for prescriptions and advice for food and other supplies.

For successful pet health outcomes, veterinary care relies on quality medical devices such as cleaning brushes, catheters, GV dental kits (dental extraction), wireless ultrasound devices, collars for cats and dogs, and more, in which advanced materials such as thermoplastic elastomers (TPEs) offers an added value such as grips, antiskid features, haptics, flexibility and in-mold bonding to various hard plastics.

KRAIBURG TPE, a global manufacturer of thermoplastic elastomer products and custom solutions for a wide range of industries, provides the THERMOLAST® H series of solutions for healthcare and medical device applications. The series of compounds feature good compression set, resealing properties, soft touch, low friction as well as cost-effective.

**Safe, pet health-friendly material**

THERMOLAST® H TPE compounds from KRAIBURG TPE are high-quality material solutions that meet a variety of international standards, including Cytotoxicity ISO 10993-5, GB/T 16886.5, RoHS, and REACH. The compounds are free from PVC and latex, ensuring safety of use of the medical equipment. The TPE compounds can also be sterilized using an autoclave at 121°C and EtO.

**THERMOLAST® H offers material advantages**

KRAIBURG TPE's H THERMOLAST® H HC/AP series of compounds has good compatibility with PP and PE through injection molding and extrusion. It can be used to produce flexible connectors, sealing, closures, and other medical device components.

The THERMOLAST® H HC/AD1/AP series has good adhesion with PC, ABS, PC/ABS, ASA, SAN, PET, PETG, and PS via injection molding. This polar adhesion series is suitable for a variety of applications including soft touch grips, switches, and mats for medical devices, membranes, seals, and more.

Additionally, both THERMOLAST® H series of compounds are available in translucent and natural colors. Precoloring can also be done in-house, depending on the needs of the project, to suit customer specifications.

**Sustainability successes of our TPE**

KRAIBURG TPE’s recent sustainability innovations include a specially developed material solution for automotive, consumer, and industry applications comprising post-consumer recycled (PCR) and post-industrial recycled (PIR) content.

Are you looking for a sustainable TPE solution? Talk to us!

Our experts are happy to answer any questions you have, as well as to offer the right solution for your application.



**(Photo: © 2023 KRAIBURG TPE)**

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

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KRAIBURG TPE (www.kraiburg-tpe.com) is a global manufacturer of custom thermoplastic elastomers. KRAIBURG TPE was founded in 2001 as an independent business unit of the KRAIBURG Group and is now the industry's competence leader in the field of TPE compounds. The company's goal is to provide safe, reliable and sustainable products for customer applications. With more than 680 employees worldwide and production sites in Germany, the USA and Malaysia, the company offers a large product portfolio for applications in the automotive, industrial and consumer goods industries, as well as for the strictly regulated medical sector. The established THERMOLAST®, COPEC®, HIPEX® and For Tec E® product lines are processed by injection molding or extrusion and offer manufacturers numerous advantages not only in processing but also in product design. KRAIBURG TPE is characterized by its innovative strength, global customer orientation, customized product solutions and reliable service. The company is ISO 50001 certified at its headquarters in Germany and holds ISO 9001 and ISO 14001 certifications at all its sites worldwide.