

Press Release

KRAIBURG TPE Healthcare TPE Advancing Innovation in Loop Recorder Monitoring Technology
Kuala Lumpur, May 2025
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KRAIBURG TPE Healthcare TPE Advancing Innovation in Loop Recorder Monitoring Technology

Detecting heart rhythm irregularities early can be life-saving. Loop recorder monitoring devices improve long-term cardiac care by continuously tracking irregular heart rhythms and storing data for diagnosis. These devices must meet strict safety, biocompatibility, and durability standards.

THERMOLAST® H, engineered for superior medical devices

KRAIBURG TPE, a global manufacturer of thermoplastic elastomers that provides high-quality, custom-engineered compounds for the [healthcare and medical](#) device market in the Asia Pacific, introduces THERMOLAST® H—an advanced TPE series for medical devices like loop recorders, meeting global standards for durability, biocompatibility, and hygiene.

Enhanced material performance for loop recorder applications

KRAIBURG TPE's [THERMOLAST® H](#) optimizes manufacturing and elevates patient care in the Asia Pacific and globally through its material advantages.

- **Good haptic & soft touch feeling:** Since loop recorders are worn on the skin, comfort is key to preventing irritation. THERMOLAST® H provides a soft, skin-friendly texture, making it easier for patients to wear the device for long periods without discomfort while staying on track with their treatment.
- **Optimizable processability:** Loop recorder manufacturing requires materials that are easy to mold and shape for efficient production. With its adaptable processability, THERMOLAST® H allows for complex designs that maintain the device's functionality and integrity.

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- **Compliance with Regulatory Standards:** THERMOLAST® H meets ISO 10993-5 (cytotoxicity), GB/T 16886.5, and other global food contact and applicable [medical standards](#). The material is free from silicone, latex, PVC, and phthalates. Its adherence to international standards enables loop recorders made with THERMOLAST® H to reach global markets, assuring healthcare providers and patients of their reliability and safety.



(Photo: © 2025 KRAIBURG TPE)

For high-resolution photography, please contact Bridget Ngang
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Information for members of the press:



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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 698 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.