

Press Release

How Can Livestock Farming Equipment Achieve Greater Durability? KRAIBURG TPE Breeds Reliable Performance in Livestock Farming Tools with TPE

Kuala Lumpur, September 2026

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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

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As the livestock farming industry continues to evolve with increasing demands for smarter and more efficient operations, equipment manufacturers and engineers are placing greater emphasis not only on equipment functionality and operational efficiency, but also on material durability, flexibility, processability, and long-term performance. Therefore, selecting the right material for livestock farming equipment has become a key consideration in agricultural equipment development.

KRAIBURG TPE, a global manufacturer of thermoplastic elastomers and customized material solutions for diverse industries, offers high-performance thermoplastic elastomers (TPEs) used in a wide range of applications, including agricultural and livestock farming, delivering flexibility, durability and processability.

Why Are More Livestock Farming Equipment Manufacturers Choosing TPE Materials?

[KRAIBURG TPE's material compounds](#) exhibit excellent adhesion to polypropylene (PP), enabling efficient overmolding that combines rigid and soft components. This results in stronger bonding between parts of livestock farming equipment for fail-safe performance even with constant use.

Efficient processing and zero-waste manufacturing

For livestock farming equipment, material selection is driven not only by production efficiency but also by sustainability considerations.

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

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KRAIBURG TPE's material compounds are free-flowing granules that enable superior processability, with the ability to be processed using standard [injection molding](#) for thermoplastics. Likewise, innovative materials support in-process recycling, allowing manufacturers to reduce material waste and improve production efficiency.

Compliance with global safety standards

Beyond performance, livestock farming equipment also demands higher standards for material safety and regulatory compliance.

KRAIBURG TPE's material compounds meet key regulatory requirements, including Regulation (EU) No 10/2011, US FDA CFR 21 (raw material conformity), and EN 71-3, ensuring material safety and compliance.

Recyclability of materials for circularity

KRAIBURG TPE's material compounds are compatible with both HDPE and PP recycling streams, as certified by Cyclos HTP, resulting in effective recycling and supporting circular material use. In addition, they are ISCC PLUS ready (mass balance approach), contributing to more sustainable and responsible material sourcing.

Colorability for functionality and design flexibility

KRAIBURG TPE's material compounds offer [excellent colorability](#), allowing flexible product design and enabling functional color coding or visual differentiation in farming equipment. The materials being colorable in-mass ensures color is prevented from peeling or fading coatings that could affect long-term usability.

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Sustainability from the get-go

At KRAIBURG TPE, [sustainability](#) drives our innovation. Our portfolio includes bio-based TPEs and compounds with post-consumer (PCR) and post-industrial (PIR) recycled content. Selected TPEs are certified under GRS and ISCC PLUS. We also provide Product Carbon Footprint (PCF) data upon request to support sustainability decisions.

We proudly earned the EcoVadis Gold Medal in 2025 and are committed to the Science Based Targets initiative (SBTi), aligning our goals with global climate action.

From reducing emissions to increasing circularity, our sustainable TPEs deliver reliable performance and are available worldwide to support your applications while advancing your sustainability goals.

Get in touch today to learn how KRAIBURG TPE can support your sustainability and product development journey.

Discover More with TPE : Enhance everyday life with versatile TPE solutions designed for safety, comfort, and creativity. From [pet toys](#) to [water storage solutions](#), our materials help deliver better performance and smarter design in the products you use every day.

Disclaimer: *The applications mentioned are illustrative of material capabilities only. Final product suitability and regulatory compliance must be assessed and validated by the customer.*

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(Photo: © 2026 KRAIBURG TPE)

For high-resolution photography, please contact Bridget Ngang
(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 718 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.