

Press Release

KRAIBURG TPE Unveils Forward-Looking TPE Materials for Eye Glass Protectors

Kuala Lumpur, September 2024

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KRAIBURG TPE, a global thermoplastic elastomer (TPE) manufacturer, is excited to announce the launch of its cutting-edge TPE materials tailored for eye glass protectors, specifically for nose pads and ear hooks in the eyewear industry. These advanced materials are designed to offer superior protection, durability, and comfort, essential for the demanding safety prerequisites of medical professionals.

Eye glass protectors are crucial, as they promote clear vision and robust protection against potential hazards. KRAIBURG TPE's innovative TPE compounds provide a reliable solution that enhances the performance and safety of professional-grade eyewear.

Introducing KRAIBURG TPE's [THERMOLAST® H](#) – HC/AP and HC/AD1/AP series - innovative solutions tailored to meet the stringent requirements of the [medical sector](#). These materials are engineered to deliver unparalleled benefits that align with the specific needs of professional eyecare applications.

Key Material Advantages

- **HC/AP Series – Adhesion to PP, PE**
- **HC/AD1/AP Series – Adhesion to PC, ABS, PC/ABS, ASA, SAN, PET, PETG, and PS**
- **Optimized Compression Set:** Provides long-lasting performance and resilience.
- **Colorable:** Allows customization to meet design and branding needs.
- **Sterilizable:** Compatible with autoclave (121°C) and EtO sterilization processes to maintain hygiene standards.

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- **Free from Animal Ingredients:** Ensures safety and compliance with medical and ethical standards.
- **Regulatory Compliance:** Meets Regulation (EU) No 10/2011, US FDA CFR 21, China GB4806-2016, ISO 10993-5 (Cytotoxicity), and GB/T 16886.5 Cytotoxicity requirements.
- **Processing Methods:** Ideal for injection molding and extrusion.



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For high-resolution photography, please contact Bridget Ngang
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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 tailored products for customer applications. With more than 660 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.