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DISCOVER KRAIBURG TPE
Solutions with Thermoplastic Elastomers



For contact details of our branch offices and partners, see www.kraiburg-tpe.com
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DISCOVER FLEXIBILITY: KRAIBURG TPE

From bike handlebars, toothbrushes to power tool handles, thermoplastic elastomers (TPE) are present everywhere throughout our daily lives.

For material with such wide-ranging importance, highest standards must be applied. Thus, at KRAIBURG TPE we go the extra mile in our dedication to quality, selection, and support.

You have your choice from a unique range of products that take your requirements into account.

High-quality and custom-engineered doesn't just refer to our products – it also includes our customer service. Our team of specialists will assist you in any project phase with their comprehensive expertise and creativity.

Benefit from the full range of expertise and services at KRAIBURG TPE whenever, wherever, and however.

We have offices around the globe that will cater to local needs.

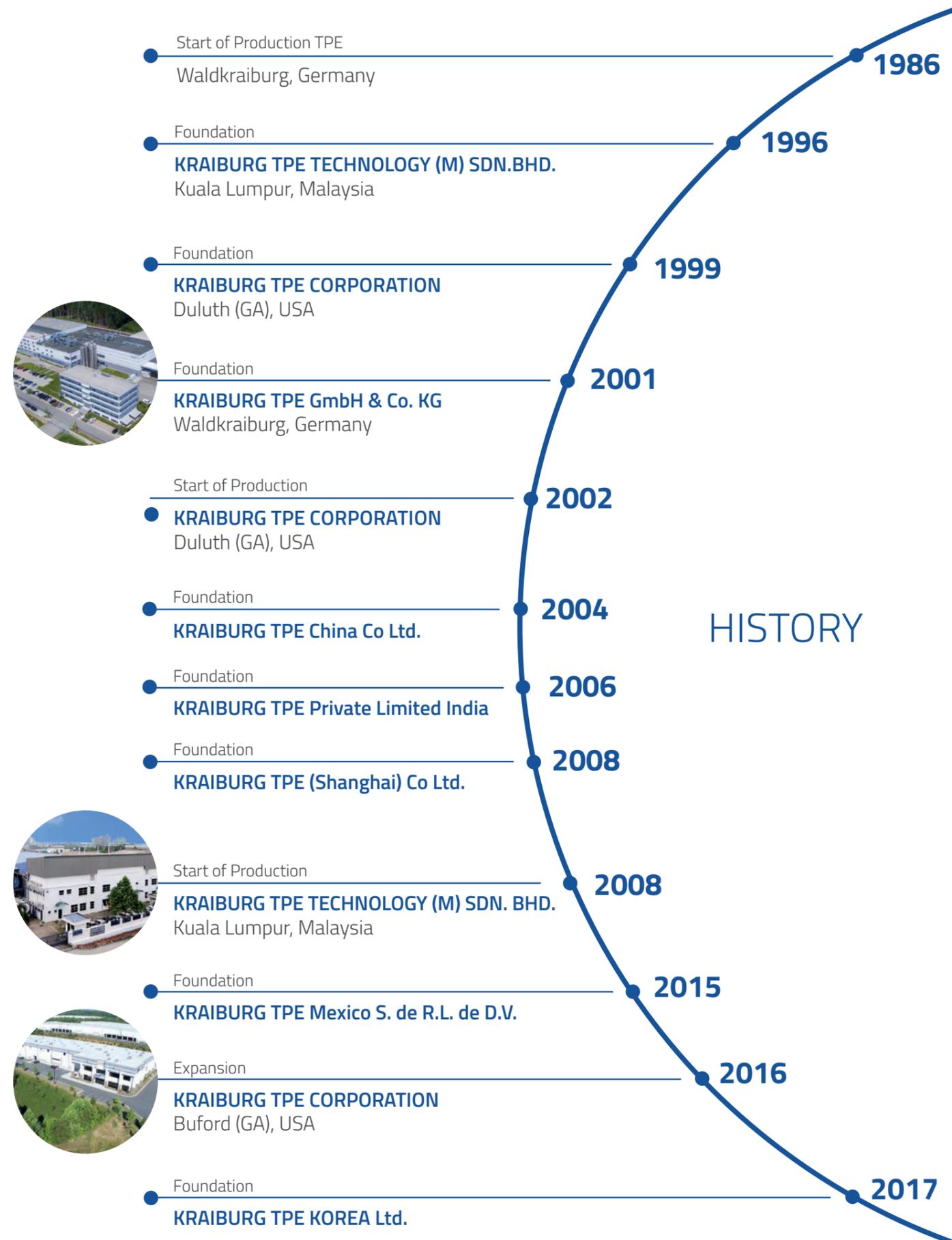


KRAIBURG TPE follows the principle of

“Getting better every day!”

Oliver Zintner, CEO KRAIBURG TPE

As early as 1986, the tradition-rich KRAIBURG Group was already conducting pioneering work in the area of TPE. In order to serve the growing market, KRAIBURG TPE was founded in 2001 as an independent company within the holding structure. Today, KRAIBURG TPE has production sites in Germany, the USA, and Malaysia. Through their innovations, its over 620 employees continue to carry development forward.





KEY COMPETENCIES OFFER YOU NEW POSSIBILITIES: MATERIALS SOLUTIONS WITH ADDED VALUE



CUSTOMER ORIENTATION

You're looking for comprehensive support, but you don't want to have to wait long. That's what we are doing. Because our business relations are based on two principles: reply fast and deliver on time. We maintain personal contact so that we can meet your needs.



CUSTOMIZATION & INNOVATION

You're looking for high-quality TPE material solutions that meet your requirements. We think the same way. When we produce thermoplastic elastomers we use the extraordinary experience and comprehensive know-how we have.



INTERNATIONAL NETWORK

KRAIBURG TPE is a worldwide supplier of TPE plastic products. You can benefit from having access to local offices that provide support, logistics, and communication before and after the sale.



SPECIALIZATION & KNOW-HOW

Our expert teams will support you in planning and realizing projects – and, of course, in processing our products. At KRAIBURG TPE, competence and creativity go hand in hand.



CONSISTENTLY HIGH PRODUCT QUALITY

You want confidence in the quality of the raw materials you use. With KRAIBURG TPE you are in good hands. With our globally uniform production and quality standards, we ensure consistent product quality for every batch and thus support your production process.

GET YOUR PROGRESS INTO THE SHAPE YOU WANT: OUR THERMOPLASTIC ELASTOMERS

What are thermoplastic elastomers? Put simply, TPEs are added value for your final product.

On the one hand, they are extremely elastic, and on the other, they are easy to process.

This unique combination allows for wide-ranging freedom – from product development all the way to product design.

In scientific terms, thermoplastic elastomers are created through physical cross-linking. In the presence of heat, they transform into plastic and become malleable. Once cooled their elastic properties become evident once again. Since they can be melted down several times, TPEs can be used in repeated molding processes and recycled.

THE BENEFITS OF THERMOPLASTIC ELASTOMERS:

- Economic thermoplastic processing
- Short cycle times
- Low energy consumption
- Thermal stability, translating to wide processing window
- Multicomponent processing (hard-soft composite)
- 100% recyclable
- Wide variety of coloring possibilities as well as effects, meaning design freedom

OUR PRODUCT LINES

HIPEX®

COPEC®

For Tec E®

THERMOLAST®





AUTOMOTIVE

SOLUTIONS THAT GET THINGS MOVING

- Interior
- Exterior
- Under the hood



In the automotive sector, our thermoplastic elastomers are everywhere you look. Depending on material requirements, they fulfill OEM specifications. Corresponding material approvals translate to numerous vehicle construction advantages. Their extraordinarily high weather and UV resistance is particularly valued – especially in combination with their good flow properties. Materials like these are thus predestined for a wide variety of uses in the exterior.

Certain series comply with the strict OEM requirements for interior components. Optimized scratch resistance as well as low VOC and fogging values mean numerous interior components are made from our TPEs.

Additionally, other formulas contain optimal sealing and vibration-damping characteristics as well as temperature, oil, and grease resistance. This profile makes them ideal for applications inside the engine compartment or in the underbody. Their outstanding adhesion properties with all standard hard-surface components and their excellent surface finish provide further advantages.



INDUSTRY

SPECIAL QUALITIES THAT ARE STANDARD

- Electric & Electronic
- Packaging & Transportation
- Furniture & Interior
- Industrial Supplies & Safety
- Drinking Water & Sanitary
- Building & Construction
- Tools
- Home Appliance
- White Goods



The sheer multiplicity and diversity among handles just go to show that components people touch, play a key role in the industrial sector. A number of our TPE series provide sought-after solutions, offering a beneficial combination of both surface feel and good grip. Moreover, our clients appreciate being able to choose the exact color they desire.

Our TPEs are also used in applications needing seals or exceptionally excellent adhesion to a wide variety of plastics. When it comes to production, however, other benefits still come to the fore – with regard to fire protection and drinking water. Here, too, we tackle any challenge we are presented with.

Our TPEs are as multifaceted as the industrial spectrum is broad, and sectors like electronics, construction, sanitary fittings, and many more will appreciate this. When it comes to two component parts, function and design have long been successfully integrated. Thermoplastic elastomers are present in all kinds of household appliances and power tools.



CONSUMER VARIETY THAT'S UNIQUE

- Consumer Care
- Consumer Electronic
- Household Articles
- Office Supplies
- Sports & Leisure
- Toys
- Packaging



Be it closures, valves, or containers for food stuffs: special TPE compounds also have a role to play in applications where preventing ingredient migration in contact with food stuffs is needed. In developing these special TPEs, we have already taken into account established market requirements such as Regulation (EU) No 10/2011, FDA – Code of Federal Regulations (CFR), Title 21 and EN 71/3. Furthermore, they are also well suited to hard-soft combination applications and can be colored to virtually any desired color.

Our customers have got a firm hold on our TPEs – literally. From toothbrushes to writing instruments. On top of household items, they are also used in sports equipment and especially in toys. Thanks to our custom-engineered formulas, in addition to soft-touch surfaces, special mechanical characteristics can also be dictated – exactly as the customer requires for their specific application.



MEDICAL

SAFETY THAT IMPRESSES

- Medical Devices
- Diagnostics
- Pharmaceutical Packaging



In the market for medical and pharmaceutical technology, our TPE products stand for highest standards and responsibility. This is because absolutely everything we produce for the medical technology sector is subjected to our specially designed Change Management Procedure.

This process management design allows us to optimize all our workflows, from development and production all the way through to sales. It is both the basis and guarantee for ensuring our medical compounds satisfy highest standards in terms of quality and reliability.

Our success is confirmed in extensive externally conducted tests (in accordance with USP VI, ISO 10993-4, -5, -10, -11).

THERMOLAST® M materials, for instance, offer remarkable elasticity and low compression set values. They do not contain latex or PVC and are thus suited to applications where they come into direct contact with blood. Moreover, these materials can withstand standard sterilization procedures.

WHEN IT COMES TO CUSTOMER SERVICE, WE'RE ALWAYS AT YOUR SIDE: OUR SERVICE PACKAGE

We measure the success of our work by your satisfaction. And in order to keep that as high as possible, we have developed a quality concept that takes products, processes, and people into account.

Exceptional, high-quality, and custom-engineered compounds are our foundation. To support you in every way, we offer you much more by way of technical expertise, individual advisory, and one-of-a-kind customer service.

You can take our motto – KRAIBURG TPE – custom-engineered TPE and more – quite literally. We make your challenges our own. KRAIBURG TPE always takes the extra steps to stay right by your side.



CUSTOMER SERVICE

- Close, personal client service
- Short delivery times worldwide
- Client workshops
- Expert specialist advice
- Specialists in a wide variety of market applications
- Fast availability of material samples

EXPERT SUPPORT

- Individualized compound modification to client's specifications
- Application-specific consulting
- Support for sample matching
- On-site processing training
- Project-specific materials selection
- Simulation support
- Comprehensive lab equipping and testing capabilities

INTERNATIONAL NETWORK

- Worldwide on-site representation, local or global client advisor
- Production sites in Germany, Malaysia, and USA
- Competent, market-specific advisors all over the world

QUALITY

- Offer highest quality worldwide
- Online database with redundant information on our products
- Certifications: ISO 9001, ISO 14001, ISO 50001

WE'RE ALWAYS AT YOUR SIDE: GLOBAL PRESENCE OF KRAIBURG TPE



AMERICAS

Regional Headquarters:
Buford (GA), USA
Sales Offices:
USA, Mexico and distribution partners
for North and South America



EUROPE, MIDDLE EAST, AFRICA

Headquarters:
Waldkraiburg, Germany
Sales Offices:
Germany, Italy, France, Spain, Poland, Belgium, Sweden
and distribution partners in other EMEA countries



ASIA PACIFIC

Regional Headquarters:
Kuala Lumpur, Malaysia
Sales Offices:
China, Hong Kong, Taiwan, India, Vietnam,
Thailand, Republic of Korea and distribution
partners in other APAC countries

KRAIBURG TPE operates at a global level.
With production plants and sales offices on three continents, we are
always close to our customers and can therefore respond quickly
and effectively to the demands of local markets.





THE ONLY RAW MATERIAL WE DON'T USE SPARINGLY IS OUR KNOWLEDGE: OUR ECOLOGICAL AND SOCIAL PRINCIPLES

A company's success isn't measured solely by its revenue. We gladly take on our responsibility for the environment and society. For today and tomorrow.

Sustainability isn't just a buzzword at KRAIBURG TPE, it's a principle we live by. We conserve resources and do not process either PVC or latex. Research and development in our house is always related to protecting the environment. All the materials we produce are non-halogenic and fully recyclable.

THIS IS HOW WE PLAY IT SAFE:

- Globally certified in accordance with ISO 14001 and 9001
- Headquarters in Germany certified in accordance with ISO 50001
- EHS management, reporting, and auditing
- Systematic energy management
- Environmental and occupational safety program prepared annually
- Selection of raw materials suppliers according to quality and environmental compatibility

However, the most important resource our company has are our employees and their belief in and dedication to what we do.

