**TPE, a "perfect tee" material for golf equipment**

Golfing provides both pleasure and rewarding health benefits for people who are sedentary or do not enjoy high-intensity activities. According to studies, golf is an example of a quality exercise that can favor people of all ages by promoting endurance, improving coordination, and ensuring cardiovascular health, among other benefits.

Because control and manipulative skills are important in golf, only top-tier equipment is recommended to make the best shots! Advanced materials, such as thermoplastic elastomers (TPEs), have dependably improved the quality, design, and functionality of golf equipment such as clubs, including the putter, pitching wedge and drivers, golf ball retriever, golf club scrubber, golf divider, ball, range finder, and others.

KRAIBURG TPE, a global manufacturer of a wide range of thermoplastic elastomer products and custom solutions for a variety of industries, aces at producing high-quality TPE compounds that deliver the desired performance of sports equipment.

TPEs have high durability, flexibility, a wide range of hardness, elasticity, and are resistant to UV, temperature, and chemicals.

**AD/PA series - Winning feel**

The AD/PA series offers a soft-touch, dry haptics surface that is ideal for use in golf equipment handles and seals. The AD/PA series compounds ensure that golf putter or wedge grip, range finder, golf divot remover, and other similar parts are of the highest quality.

The TPE series also has good adhesion with PA6, PA12, and PA 6.6, as well as up to 50% glass fiber. It also has temperature stability up to 90°C and an optimized properties flow. It is available in both natural and black colors, allowing for a variety of color options based on customer preference. Moreover, its hardness range of 20 Shore A to 80 Shore A allows it to be used in a variety of applications to meet the needs of the customer.

**GP/AP series - Above par mechanical properties**

Meanwhile, the GP/AP series provides a dry haptics advantage for golf ball retrievers, club head covers, golf tees, and other applicable golf equipment parts. The series, which is a good material solution with adhesion to PP, has good mechanical and flow properties. They are available in natural and black colors and can be processed via injection molding and extrusion.

Similarly, there are more TPE series available for customer selection and customization based on their needs.

**Sustainability successes of our TPE**

Besides the material for golf equipment, 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: © 2022 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](http://www.kraiburg-tpe.com)) is a global manufacturer of thermoplastic elastomers. From its inception in 2001 as subsidiary of the historical KRAIBURG Group founded in 1947, KRAIBURG TPE has pioneered in TPE compounds, being the competence leader in this industry. The mission is to provide products that improve everyday life by offering safe, comfortable and more sustainable alternatives in plastics. With over 680 employees worldwide and production sites in Germany, the US, and Malaysia, the company offers a broad range of compounds for applications in the automotive, industrial, consumer, and for the strictly regulated medical sectors. The established THERMOLAST®, COPEC®, HIPEX®, and For Tec E® product lines are processed by injection molding or extrusion and provide numerous processing and product design advantages to manufacturers. KRAIBURG TPE features innovative capabilities as well as true global customer orientation, customized product solutions and reliable service. The company is certified to ISO 50001 at its headquarters in Germany and holds ISO 9001 and ISO 14001 certifications at all global sites.