

Press Release

KRAIBURG TPE's Drinking Water series for safe supply of water.

Kuala Lumpur, May 2020

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KRAIBURG TPE's Drinking Water series for safe supply of water.

KRAIBURG TPE, a recognized global leader in superior TPE compounds, has developed the regulation compliant THERMOLAST® K Drinking Water series, for use in water applications.

Clean, easily accessible water is an essential need and important for everyone, whether it is used for drinking, domestic use, food production or other purposes.

Countries around the world have introduced health and safety measures as well as environmental regulations, and this combined with increasingly stringent legislation; ensure the safe supply of water that is free from chemicals and other contaminants.

Thus, components used in water applications must not only fulfill approvals and regulations but also deter unwanted odors, colors or flavors, as well as safeguard against any microbial contamination.

To fulfill this need, KRAIBURG TPE, a global TPE manufacturer of a wide range of thermoplastic elastomer products and custom solutions for multiple industries, has developed the regulation compliant THERMOLAST® K Drinking Water series for applications in drinking water and more.

Enhancing the quality of water components

The THERMOLAST® K Drinking Water series can be applied in applications that are in direct contact with drinking water such as hoses, membranes, seals, gaskets and valves as well as design elements for shower heads, sanitaryware and more.

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The series has been developed in accordance with certification by the European DW approval bodies, such as KTW, DVGW Arbeitsblatt W270, ACS (DGS/VS4 n° 200/232) and WRAS (BS6920).

Contaminant-safe compounds

To ensure that water supply is safe from contaminants, the compound series allows product surfaces to have low sensitivity to dirt and is resistant to a certain group of microbes. Other features are its good mechanical properties, excellent elasticity and excellent adhesion with non-polar thermoplastics like PP/PE.

Since it enables colorization in many different ways, KRAIBURG TPE's THERMOLAST® K Drinking Water series can be used in a variety of components for water applications, both for domestic or commercial use.

THERMOLAST®K Drinking Water series

KRAIBURG TPE's THERMOLAST® K Drinking Water series consists of three types: DW series, DW/CS series and DW/H series, all with important functions such as reliability, a long lifetime and flexibility.

The DW series renders a soft touch feel to products, with possible applications such as shower heads, gaskets, membranes, valves, etc.

Meanwhile, the DW/CS series has optimized compression set and can be used optimally for seals for sink taps, water locks and shower doors.

Rounding this up, the DW/H series has excellent kinking performance and can be applied in shower hoses, kitchen hoses, water tap hoses in bathrooms and more.

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About KRAIBURG TPE

KRAIBURG TPE (www.kraiburg-tpe.com) is a global manufacturer of thermoplastic elastomers. From its beginning in 2001 as a subsidiary of the historical KRAIBURG Group founded in 1947, KRAIBURG TPE has pioneered in TPE compounds, today being the competence leader in this industry. With production sites in Germany, the U.S., and Malaysia, the company offers a broad range of compounds for applications in the automotive, industrial, consumer, and 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. In 2019, KRAIBURG TPE, with 645 employees worldwide, generated sales of 190 million euro.