



KRAIBURG Pure

New compounds for drinking water applications after 2021

The Elastomer Guideline published in 2011 by the Umweltbundesamt (UBA), Germany's federal environmental agency, decides which input materials can be used for the manufacture of elastomers in accordance with the principles of the European Food Safety Authority (EFSA). The transition period for the Elastomer Guideline ends on 31/12/2021. Numerous sulphur cross-linked compounds currently in use in drinking water applications can no longer be used after that time.

KRAIBURG offers an innovative and efficient solution to this for the drinking water market. As a result, at the end of 2018 KRAIBURG developed the compound series **KRAIBURG Pure, which can be used in elastomers for drinking water applications also after 2021.**

KRAIBURG Pure compounds have received German, British and French drinking water certifications. In this context, the type test in accordance with the UBA Elastomer Guideline (for cold and hot water) was also initiated. In the future, this type test of our test plates is sufficient – in coordination with the test institute – as long as the finished components have similar dimensions or only a minimal surface that comes into contact with water.

In addition, the formulation meets the requirements of the positive list for aqueous foodstuffs according to CFR 21 § 177.2600, "Rubber Articles Intended For Repeated Use" of the US Food and Drug Administration (FDA). The series also features the same efficient rheometry of the current compounds for drinking water applications, in addition to high storage stability, which allows a minimum shelf life of at least 120 days (when stored in accordance with DIN 7716).

Differences from conventional compounds

- Diverse European drinking water certifications
- Fast and efficient vulcanisation characteristics
- Extremely high storage stability
- Good processing properties

KRAIBURG Pure properties

- Hardness range: 50 to 85 Shore A
- Can be processed in compression, transfer and injection moulding processes
- Colour: black
- W270, WRAS and ACS approval
- UBA-ELL – Type test on 2 mm test plate
- Formulation according to FDA §177.2600 positive list

About us

Gummiwerk KRAIBURG GmbH & Co. KG is a company of KRAIBURG Holding GmbH & Co. KG and currently employs about 400 people. In 2017, the company generated turnover of € 100 million.

Gummiwerk KRAIBURG, a leading manufacturer of rubber and silicone compounds, has been developing and producing highly customised solutions for the demands of customers and markets for more than 70 years. KRAIBURG rubber and silicone compounds are used in the automotive sector, in machine construction, oil and gas production, the roller industry and by numerous other manufacturers of moulded rubber components.

RUBBER COMPOUNDS. SILICONE COMPOUNDS.