

PRESS RELEASE

Waldkraiburg, February 2019

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KRAIBON® hybrid contributes to peak performance

Gummiwerk KRAIBURGs' elastomer compound helps to set record at Nürburgring North Loop

The high-tech material KRAIBON® from Gummiwerk KRAIBURG GmbH & Co. KG helped Porsche to set a record last year at the Nürburgring race track. In the Porsche 919 Imp evo, the elastomer enabled variable aerodynamic control, which contributed to this record time. This control of aerodynamics requires moving areas in the CFRP material used, which was made possible by KRAIBON®.

Optimal supplement to fibre composite materials

The fact that KRAIBON® achieves excellent adhesion both to metals and to fibre composite materials made the material ideal for use in the vehicle. The use of KRAIBON® in the front splitter made it possible to bond CFRP with titanium inserts.

Ideal combination of economy and safety

Another advantage of KRAIBON® is evident when used for protection against impact and splintering. In the case of a collision, normal fibre reinforced plastic components break and burst into many small splinters. This can result in an increased risk of injury to passengers or pedestrians. The integration of KRAIBON® substantially improves safety while prolonging the life of the components, since the outstanding adhesion to the fibre composite prevents the detachment of splintered fragments.

The use of KRAIBON® - for acoustics, impact and hybrid - in motor sports is only one area of application for the elastomer. Due to its special properties, it can be used to good advantage in other areas as well: automotive construction, wind energy, aeronautics, rail vehicles, medical technology and other industrial lightweight applications.

KRAIBURG will present the high-tech material from 12 to 14 March 2019 at JEC World at the joint stand "Bayern innovativ": hall 6, booth F73.

More information at: www.kraibon.com

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About Gummiwerk KRAIBURG

Gummiwerk KRAIBURG GmbH & Co. KG, a company of KRAIBURG Holding GmbH & Co. KG, currently employs about 400 people. Gummiwerk KRAIBURG is one of the leading manufacturers in the field of rubber and silicone compounds, develops and produces individual solutions for customer demands and markets for over 70 years. KRAIBURG rubber and silicone compounds are used in the automotive sector, in machine construction, oil and gas production, roll production and by numerous manufacturers of moulded rubber components.

KRAIBON® is directed at the dynamic market for fiber reinforced plastics. In the automotive, aerospace and rail traffic sectors, KRAIBON® offers huge innovation potential for use in acoustics, impact and shatter protection.

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Figure 1: KRAIBON® helps to set record: 5:19.55 minutes on the North Loop. Graphic/source: Porsche Consulting

Figure 2: Application - Splitter / Vehicle 919 Hybrid Evo

Figure 3: Gummiwerk KRAIBURG Product KRAIBON®