



## Press report

### **2,000 kilo of rubber powder per hour**

**Landau/Wendlingen, 19/09/2016** The recycling of old tyres is one of the greatest ecological challenges of today. In Germany, roughly estimated, approx. 65 million old tyres are accrued each year. That rubber which cannot be considered for retreading or export is either used as fuel or processed to rubber granulate and powder: a material that finds its application in the most diverse industries. The fine grinding plant that had been inaugurated by Kurz Karkassenhandel this year has an output of about two tonnes of the diverse product per hour.

A heck of a lot of so-called rubber peelings are processed on the grounds of Kurz Karkassenhandel. The long black strips are remains from defective HGV tyres that can no longer be recycled in another manner. Differently than usual, they are not shredded into palm sized rubber pieces for further processing, these are cut into approx. five centimetre wide strips parallel to the tread. The "rubber snakes" created now wait to be converted into the finest rubber powder in the fine grinding plant from Kurz. At the end of the process, the individual grains of the versatile material have a fineness of up to 0.4 mm which in this form, is unique Europe-wide so far.

### **Rubber powder: The material that roads are made of**

The rubber powder is completely free of all contamination from metal or textiles - the other ingredients of tyres - and is subsequently packed in EVA or LDPE sacks according to customer requirements. The material is required in the production of new tyres or conveyor belts as well as for bitumen applications: The admixture of rubber to asphalt significantly improves its strength and adhesion. This is particularly important for road surfaces that are exposed to high loads.

But rubber powder is also used in indoor areas such as, for example, walking and noise insulation. In doing so, the outstanding insulating properties, loading capacity and longevity of the material are used.

The fine grinding plant from Kurz can however, do a lot more than just pulverise rubber peelings to powder. Its properties of also processing industrial waste and other secondary materials predestined it for many other recycling applications. The machine is still in the

#### **Contact:**

Kurz Karkassenhandel GmbH  
Karl Kurz, Managing Director  
Hanna Schöberl, Authorised Signatory  
Heinrich-Otto-Str. 19  
73240 Wendlingen, Germany

Tel: +49 (0) 7024/94180  
Fax: +49 (0) 7024/941820  
E-mail: [info@kurz-karkassenhandel.de](mailto:info@kurz-karkassenhandel.de)  
[www.kurz-karkassenhandel.de](http://www.kurz-karkassenhandel.de)

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pilot phase. This means that at the moment, it is running at a reduced level in order to get to know and test the operation and properties more closely. When it is finally operated at full capacity, worn HGV tyres won't have anything more to laugh about ...

### **About Kurz Karkassenhandel GmbH:**

Kurz Karkassenhandel GmbH is a certified professional disposal company and has been dealing with professional old tyre disposal of all types of tyres since its founding in 1955. The company manages and uses long-standing national and international contacts. In 2015, the company celebrated its 60th anniversary. All information and contact data for Kurz can be found on the Kurz Karkassenhandel homepage. Further information: [www.kurz-karkassenhandel.de](http://www.kurz-karkassenhandel.de)

### **Pictures:**



rubber peelings before further processing

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rubber powder in high quality

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