

Vein Graphite

A special type of graphite

PURITY.
PERFORMANCE.
PASSION.

Vein Graphite

Incredibly pure

Vein Graphite, also known as lump graphite, is a very special material. Its bulky needle-shaped ore which was once formed in veins of up to one meter in width within cracks in the Earth's crust. An outstanding feature of Vein Graphite is that its deposits reach a graphitic carbon content of up to 99.5 % in its natural state underground.

This type of graphite is particularly soft, pure and well-suited for applications requiring high electrical conductivity. Currently, it is only mined in Sri Lanka. The Bogala Mine, which belongs to Graphit Kropfmühl, provides the lion's share of Vein Graphite on the world market.

Outstanding properties

Vein Graphite has many advantageous properties predestined for a number of different applications. It is easy to extract and can be formed into solid shapes without adding a binder. Besides, Vein graphite can be easily blended with other components, especially with copper.



These properties make Vein Graphite a versatile material that is used in many industries, from electronics to the automotive industry.

Applications

- BATTERIES & FUEL CELLS
- CARBON BRUSHES
- FRICTION
- POWDER METALLURGY
- LUBRICANTS
- PLASTICS
- REFRACTORY



Products

The range of Vein Graphite products is very wide, especially due to its various particle sizes. Vein Graphite can be offered as coarse lumps, measuring several centimeters, as well as fine powders with a particle size of 5 micron.

Carbon contents from 94% to 99.5% are typical values for commercially used Vein Graphite.

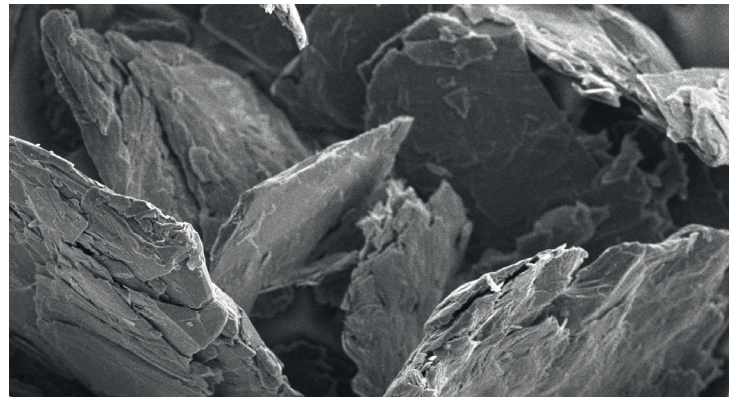
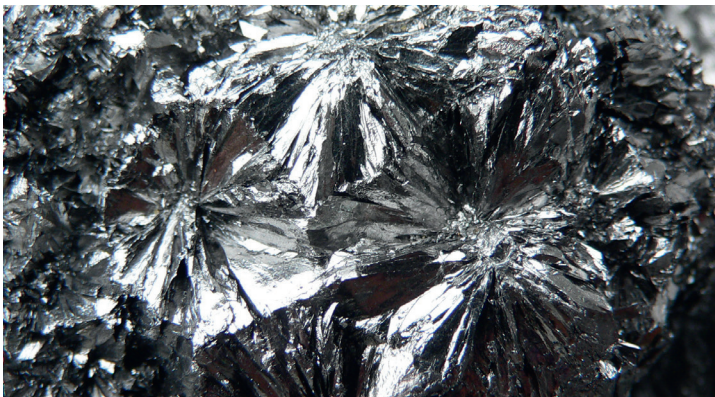
Graphit Kropfmühl offers the best Vein Graphite in various forms - from coarse lumps to fine powders.

Shape and texture

Formed by hydrothermal liquids, vein graphite exists with a purity of up to 99.5% in its natural state underground.

Vein Graphite consists of needle-shaped particles which are the secret behind this graphite's outstanding properties.

The SEM picture below shows one of our graphite grades from our mine in Sri Lanka.





Graphit Kropfmühl GmbH

Langheinrichstr. 1

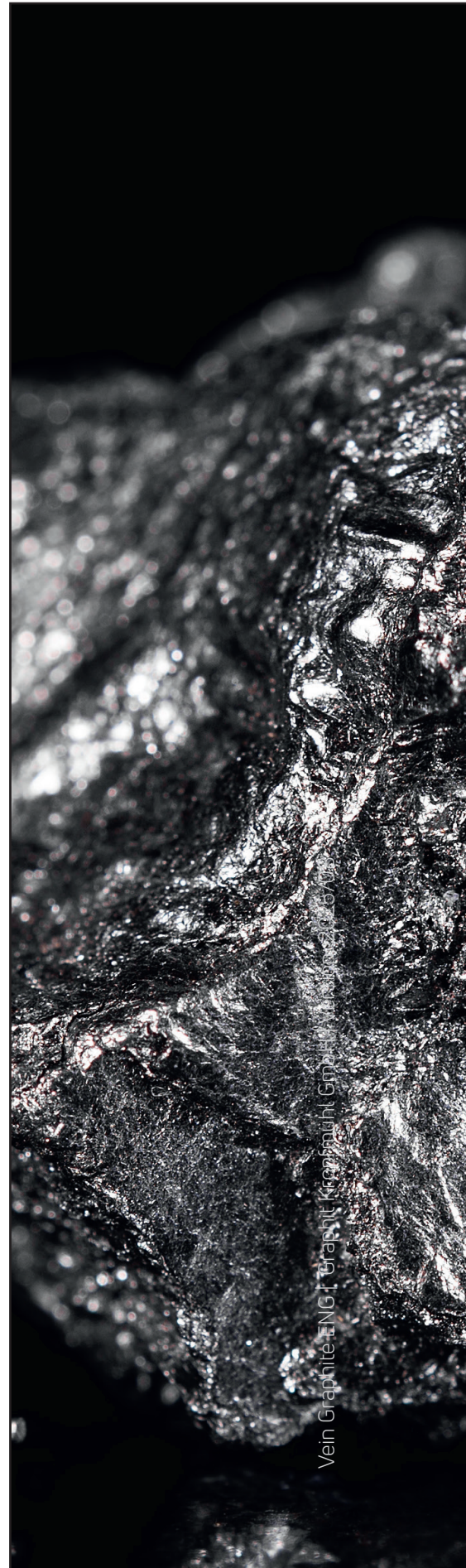
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