

VEIN GRAPHITE.

A SPECIAL TYPE OF GRAPHITE.

A decorative graphic in the bottom left corner consisting of several interconnected hexagons of varying sizes and shades of gray, some solid and some outlined.

INTELLIGENCE
IN
GRAPHITE

VEIN GRAPHITE.

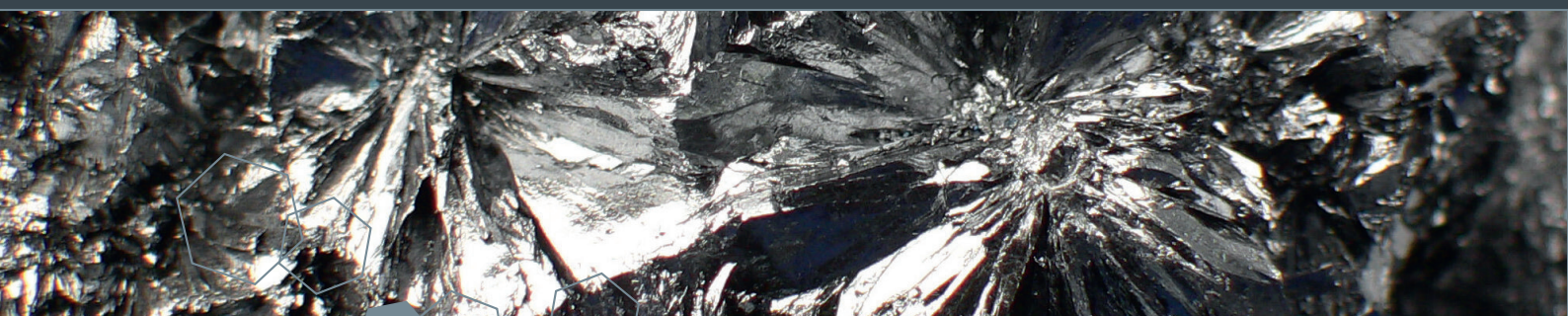
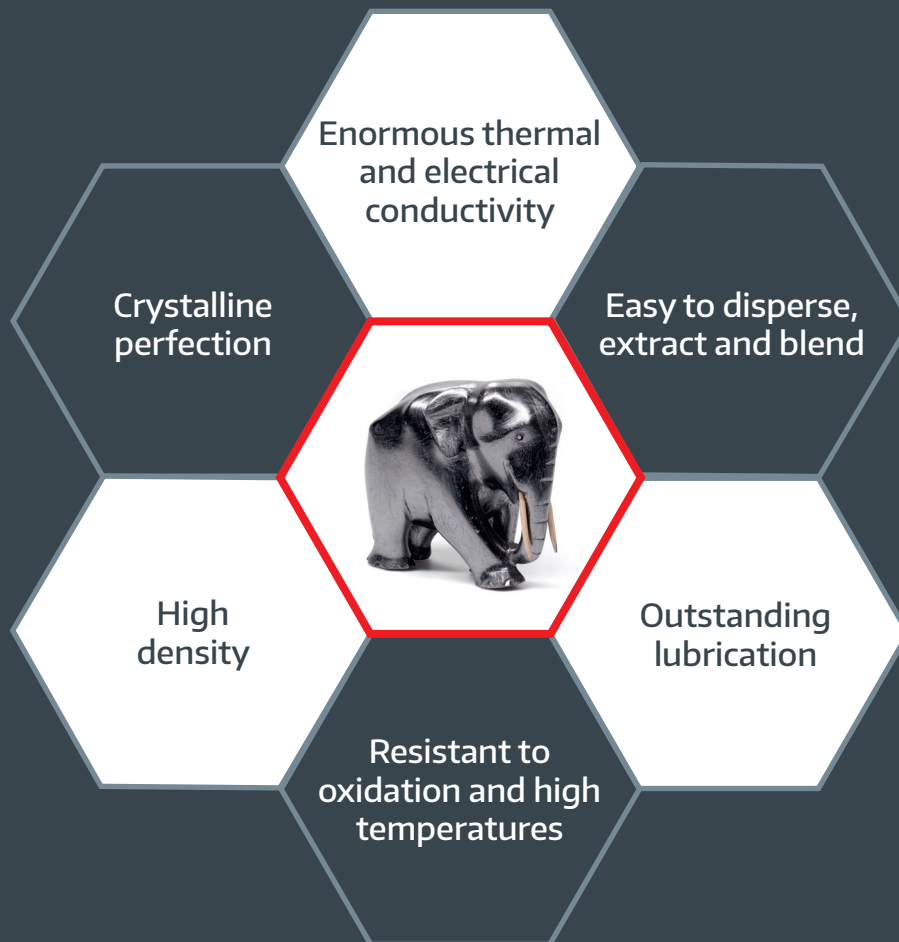
INCREDIBLY PURE

Vein graphite, also known as lump graphite, is a very special material. The ore is needle-shaped and was once formed in veins of up to one meter in width within cracks in the Earth's crust.

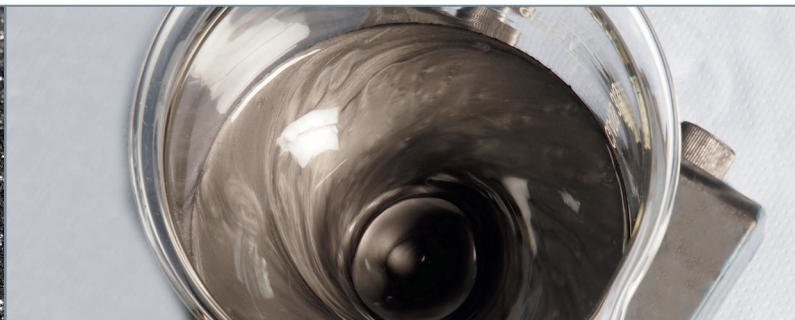
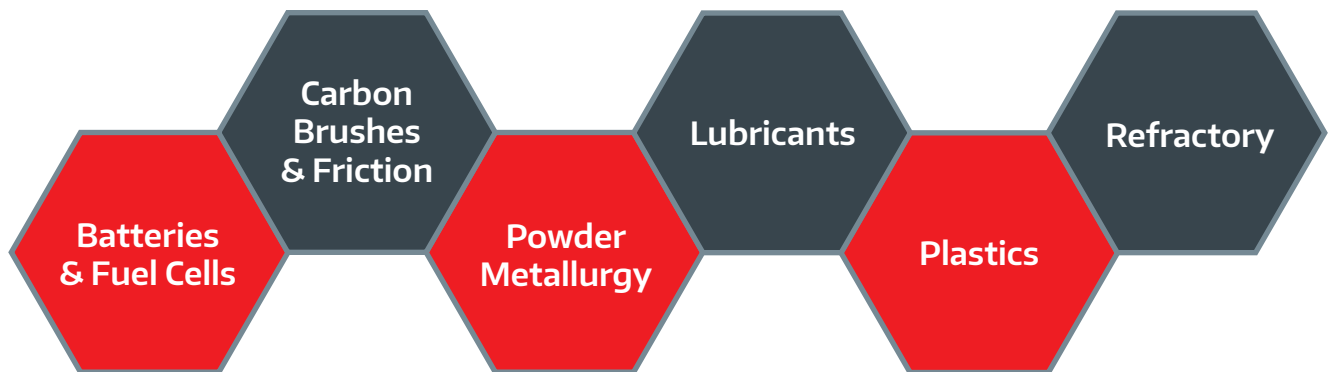
This type of graphite is particularly soft, pure and well-suited for applications requiring high electrical conductivity. It is only mined in Sri Lanka. The Bogala Mine, which belongs to Graphit Kropfmühl, provides the lion's share of vein graphite in the world market.

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.



APPLICATIONS



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.

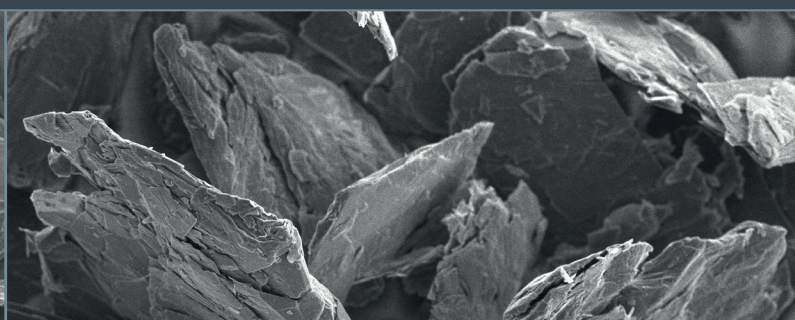
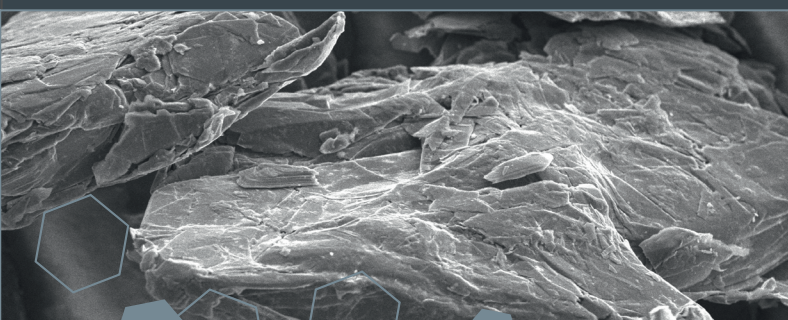
Graphit Kropfmühl offers the best vein graphite in various forms - from coarse lumps to fine powders.

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.



OUR PRODUCT PORTFOLIO

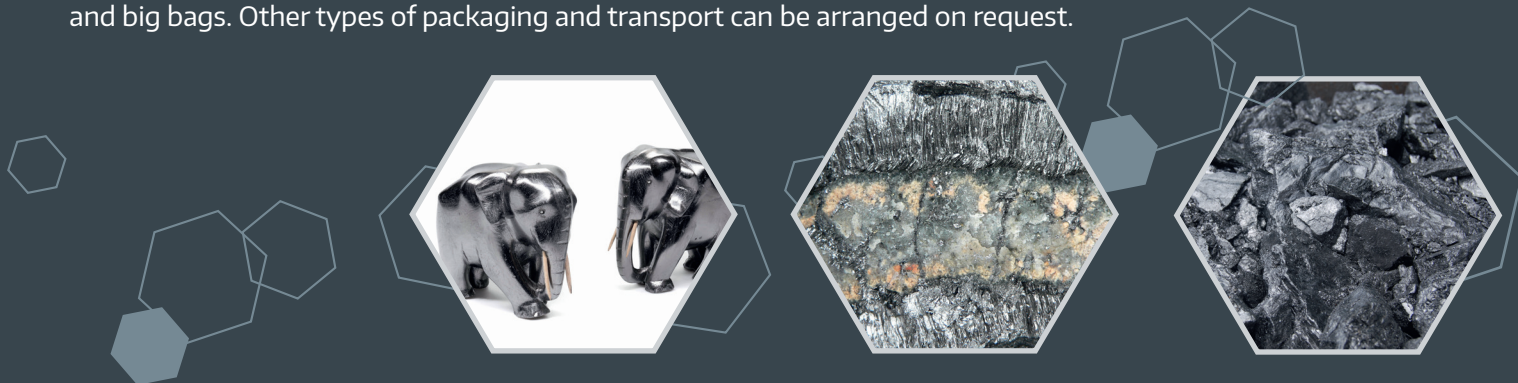
GRADE	CARBON CONTENT [%]	PARTICLE SIZE	APPLICATION
Bogala Powder	+ 80 %	min. 85 % passing 75 µm	Pencil, Chemistry, Friction, Lubricant, Carbon Brush
Bogala Lumps	+ 90 %	100 % > 10 mm	
Bogala Chippy Dust	+ 80 %	100 % < 5 mm	
Bogala Fine Powder	+ 90 %	min. 95 % passing 40 µm	
Bogala Special Powder	+ 95 %		
Bogala Coarser Powder	+ 97 %		

If you have special requirements, Graphit Kropfmühl offers tailor-made solutions in line with customer needs. Please don't hesitate to contact us.

Graphit Kropfmühl stands for:

- Customised solutions
- Quality assurance
- Long-standing experience
- Focused R&D work

We deliver graphite tailored to your demands and in different types of packaging. Quality is controlled according to a detailed quality control plan. The typical forms of packaging are paper bags, shrink wrapped on euro-pallets and big bags. Other types of packaging and transport can be arranged on request.



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