



2MS.003 Graphite Powder

Summary

- Filler for thermal conductivity improvement
- Thermal interface material
- Additives for epoxy molding components
- Filling for thermal heatsink
- Filler for electrical conductivity improvement

Physical variables included in this documentation are provided by way of indication only and do not, under any circumstances, constitute a contractual undertaking. Please contact our technical service if you require any additional information.

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Overview

Graphite is a black mineral from carbon, with hexagonal cristalline structure. It is composed of graphene sheet which give it dielectric and anisotropic properties.

This material is found naturally in the form of flakes in the sediments, in veins or in amorphous form. The synthesis of graphite allows to obtain purer qualities, perfect for technical components.

Graphite is a tender material, thermal and electrical conductor with a fusion point of 3,500 °C.

Screening

Our screened graphite powder is obtained from our machinable graphite production scraps. Therefore the impurity rate is approximately at 200 ppm.

Item N°	Screening in µm
113-0025	315 - 500
113-0024	200 - 315
113-0023	100 - 200
113-0022	50 - 100
113-0021	0 - 50

A custom-made screening or bulk filling are also available.

Packaging

- 1 L bottle
- 5 L bottle
- 20 kg bag

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