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Product Information

Date: **24 August 2023**

Mica 4/0, calcined

Muscovite mica formula: $K_2Al_4(Al_2Si_6O_{20})(OH)_4$

Customs tariff code: 25 25 20 000
CAS – Number: 12001 – 26 - 2

Typical chemical analysis:

SiO ₂	43 - 55 %
Fe ₂ O ₃	1 - 5 %
Al ₂ O ₃	30 - 39 %
K ₂ O	6 - 12 %

Properties:

Bulk density	200 – 360 kg / m ³
Loss of ignition H ₂ O 1.000° C	< 0,5 %
Solubility in water	insoluble
Explosion limits	inert
Thermal decomposition	does not occur
Toxicity	non toxic

Typical screen analysis:
(cumulated values)

+ 355 micron / 45 mesh	0 – 1 %
+ 180 micron / 80 mesh	3 – 30 %
+ 90 micron / 170 mesh	30 – 75 %
+ 45 micron / 325 mesh	60 – 95 %

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