

MICA Cosmetics M

Distributed By –
UMC Ingredients
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Aspanger Mica is a muscovite-type mica, **100% produced out from our own Austrian deposit**. More details you can find in the separate product overview-sheet or under www.aspanger.com

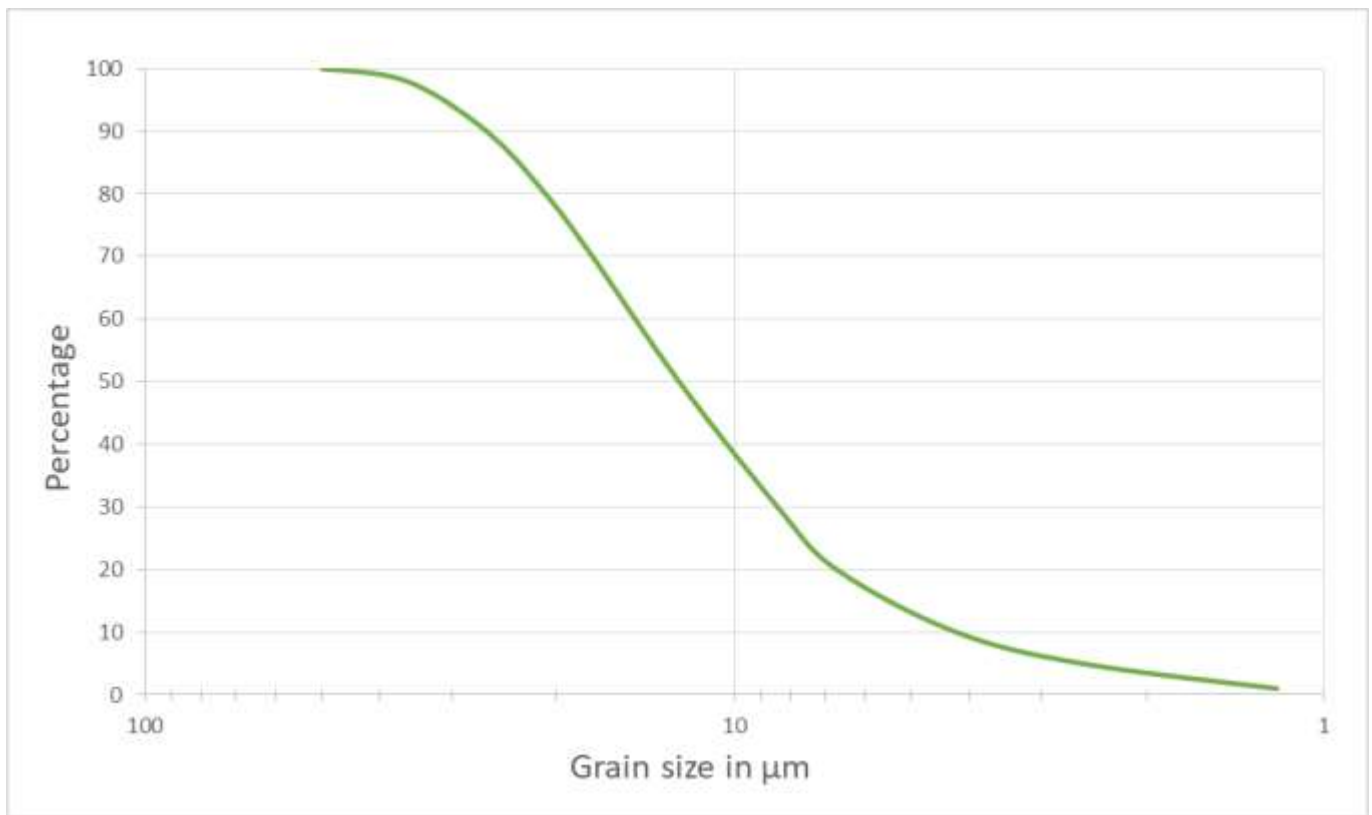
General Characteristics	Specific Gravity (g/cm ³) ISO 787/10-1981 Moh's Hardness Whiteness FMY (%) Humidity at 100°C (%) ISO 787/2-1981 pH ISO 787/9-1981 Oil Absorption (g/100g) ISO 787/5-1980 Spec. Surface Area (m ² /g) Loose Bulk Density (g/l)	2,85 2,5 78-82 CoA < 1 CoA 9,5 24 10 460
Chemical Analysis	SiO ₂ Al ₂ O ₃ K ₂ O CaO Fe ₂ O ₃ TiO ₂ Loss on ignition at 600 °C	51,5 % 27,0 % 10,0 % 0,4 % 2,9 % 0,4 % <2 % CoC
Heavy metal content	As (mg/kg) Sb (mg/kg) Hg (mg/kg) Cd (mg/kg) Pb (mg/kg)	<2 CoC <1 CoC <1 CoC <0,1 CoC <5 CoC
Microbiology	Total plate count (aerobic, mesophilic) cfu/g Yeasts cfu/g Moulds cfu/g Enterobacteriaceae cfu/g Coliforms mpn/g Pseud. aeruginosa cfu/25g E. coli cfu/25g Salmonella cfu/25g	Max. 100 Max. 100 Max. 100 Max. 10 Max. 3 not detectable not detectable not detectable

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Particle Size
Distribution
Mastersizer 3000E

d98 CoA
d90
d50 CoA
d30

32,0 - 37,0 μm
27,3 μm
10,0 - 14,0 μm
8,0 μm



Technical information and data described herein are believed to be reliable but should not be taken as a specification and cannot establish any liability, with the exception of the key figures highlighted with the abbreviation CoC and CoA.

CoC: Certificate of Conformity (checked internally or via external laboratory at least once a year)

CoA: Certificate of Analysis (checked internally or via external laboratory per every single production batch)

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