

Distributed By –  
**UMC Ingredients**  
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# MICA Cosmetics C

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](http://www.aspanger.com)

General Characteristics	Specific Gravity (g/cm <sup>3</sup> ) 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 <sup>2</sup> /g) Loose Bulk Density (g/l)	2,85 2,5 75-79 CoA < 1 CoA 9,5 20 7 500
Chemical Analysis	SiO <sub>2</sub> Al <sub>2</sub> O <sub>3</sub> K <sub>2</sub> O CaO Fe <sub>2</sub> O <sub>3</sub> TiO <sub>2</sub> Loss on ignition at 600 °C	51,5 % 27,0 % 10,0 % 0,4 % 2,9 % 0,4 % <2 % CoC
Heavy metal content (CoC)	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 (CoA)	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 CoA Max. 100 CoA Max. 100 CoA Max. 10 CoA Max. 3 CoA not detectable not detectable not detectable

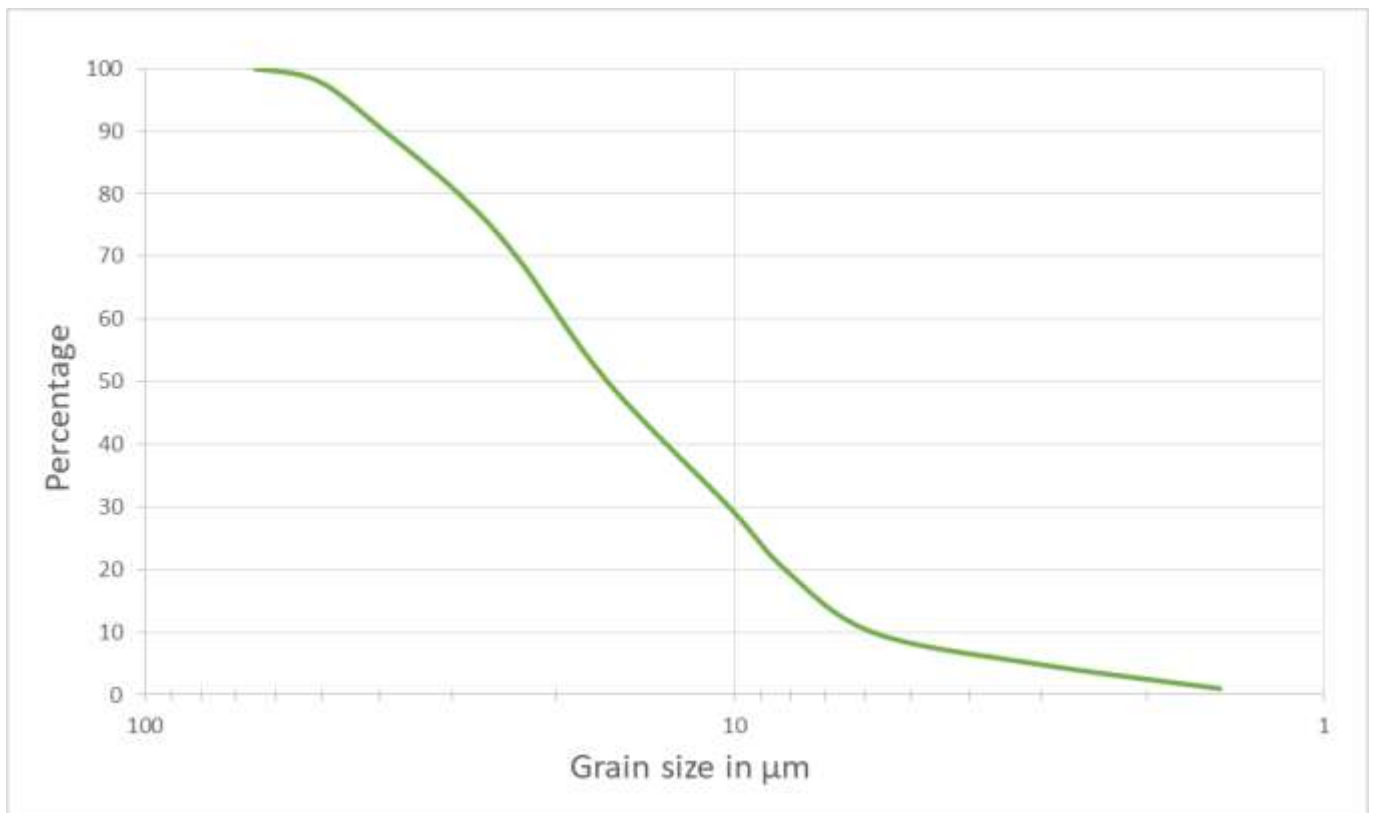


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Particle Size  
Distribution  
Mastersizer 3000E

d98 CoA  
d90  
d50 CoA  
d30

47,0 - 53,0  $\mu\text{m}$   
40,0  $\mu\text{m}$   
14,0 - 18,0  $\mu\text{m}$   
9,5  $\mu\text{m}$



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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