

Distributed By –

**UMC Ingredients**  
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# MICA Cosmetics F

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<br>Moh's Hardness<br>Whiteness FMY (%)<br>Humidity at 100°C (%) ISO 787/2-1981<br>pH ISO 787/9-1981<br>Oil Absorption (g/100g) ISO 787/5-1980<br>Spec. Surface Area (m <sup>2</sup> /g)<br>Loose Bulk Density (g/l) | 2,85<br>2,5<br>80 -85 CoA<br>< 1 CoA<br>9,5<br>28<br>17<br>340  |
| Chemical Analysis       | SiO <sub>2</sub><br>Al <sub>2</sub> O <sub>3</sub><br>K <sub>2</sub> O<br>CaO<br>Fe <sub>2</sub> O <sub>3</sub><br>TiO <sub>2</sub><br>Loss on ignition at 600 °C   | 51,5 %<br>27,0 %<br>10,0 %<br>0,4 %<br>2,9 %<br>0,4 %<br><2 % CoC   |
| Heavy metal content     | As (mg/kg)<br>Sb (mg/kg)<br>Hg (mg/kg)<br>Cd (mg/kg)<br>Pb (mg/kg)  | <2 CoC<br><1 CoC<br><1 CoC<br><0,1 CoC<br><5 CoC  |
| Microbiology            | Total plate count (aerobic, mesophilic) cfu/g<br>Yeasts cfu/g<br>Moulds cfu/g<br>Enterobacteriaceae cfu/g<br>Coliforms mpn/g<br>Pseud. aeruginosa cfu/25g<br>E. coli cfu/25g<br>Salmonella cfu/25G  | Max. 100<br>Max. 100<br>Max. 100<br>Max. 10<br>Max. 3<br>not detectable<br>not detectable<br>not detectable |

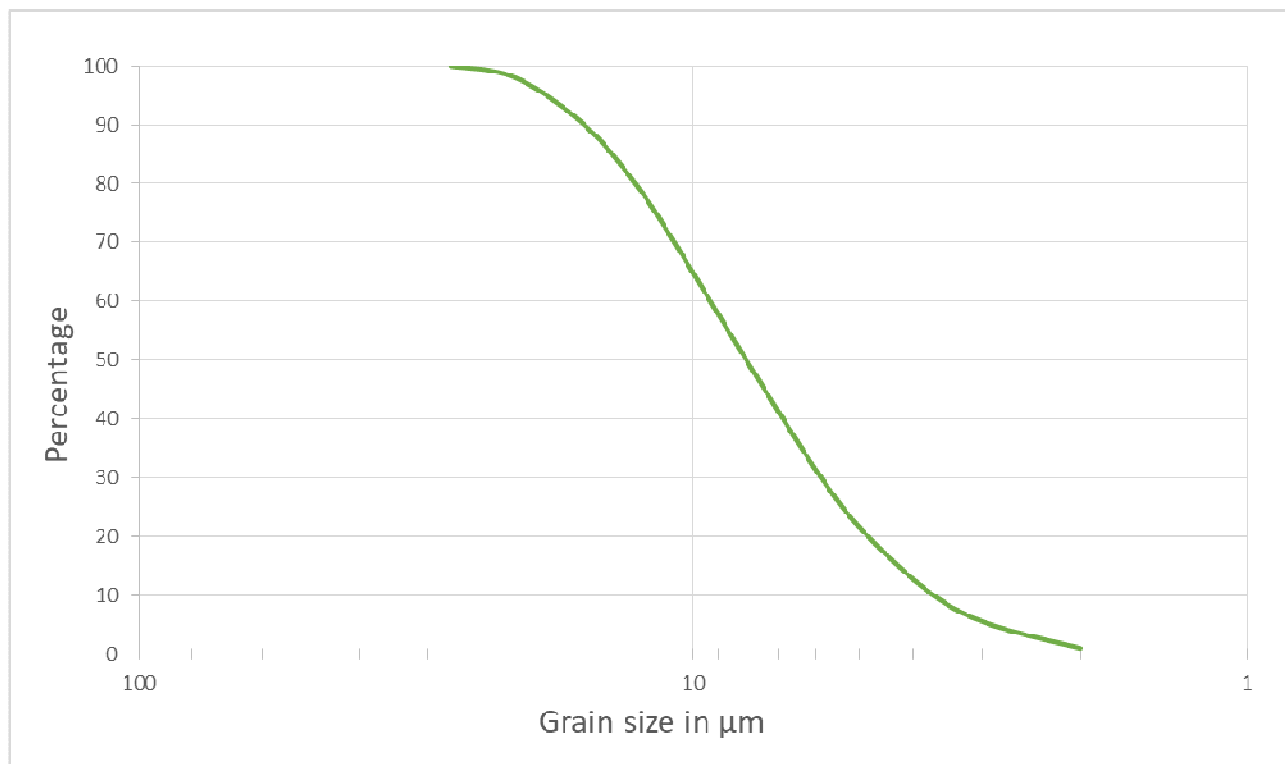


## MICA Cosmetics F

Particle Size  
Distribution  
Mastersizer 3000E

d98 CoA  
d90  
d50 CoA  
d30

18,0 – 24,0  $\mu\text{m}$   
16,0  $\mu\text{m}$   
6,5 – 9,5  $\mu\text{m}$   
6,0  $\mu\text{m}$



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)

REV: 4/06-2021