

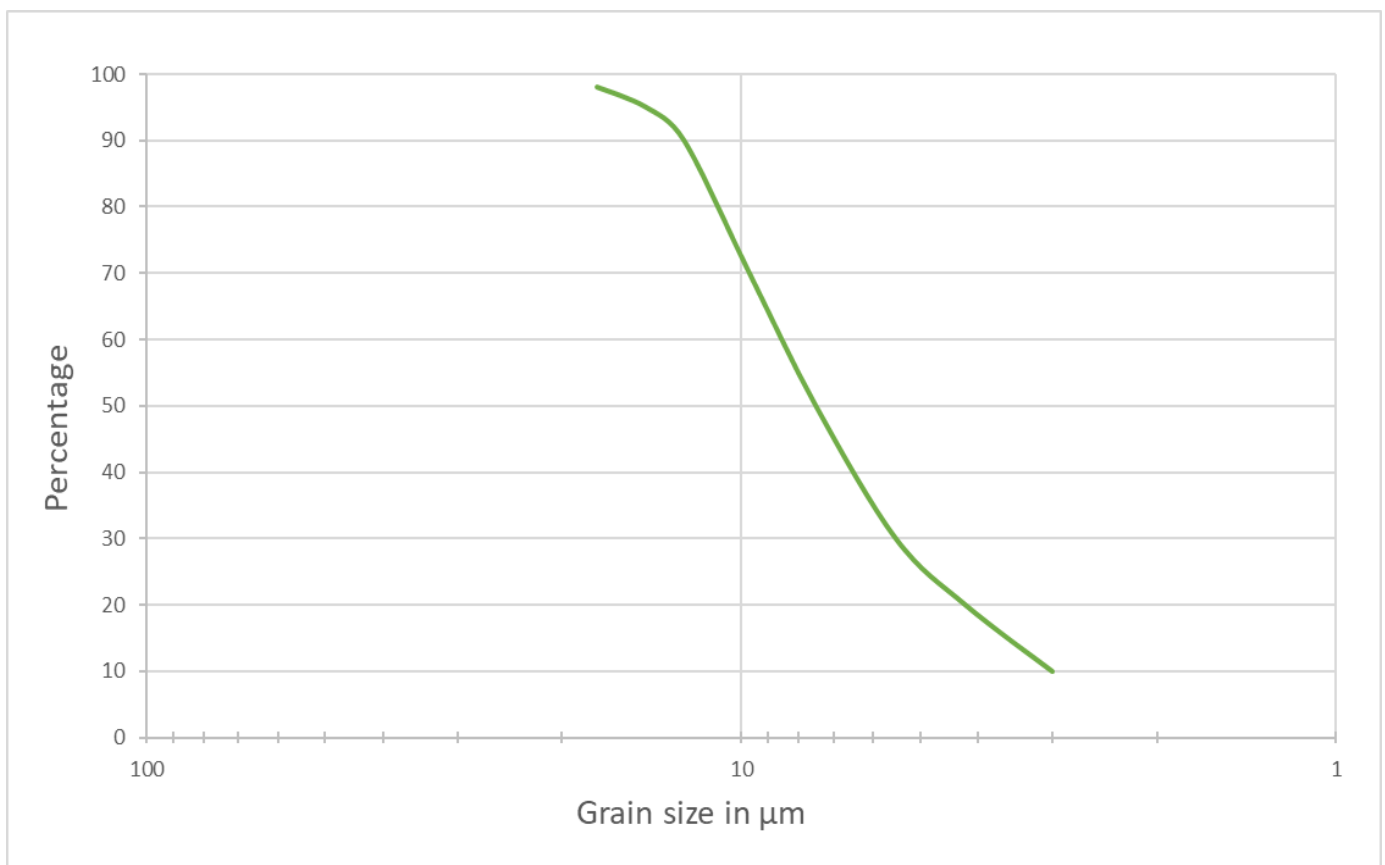
MICA Cosmetics F

Aspanger Mica is a muscovite-type mica 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 83 < 1 9,5 28 17 340
Chemical Analysis	SiO ₂ Al ₂ O ₃ K ₂ O CaO Fe ₂ O ₃ MgO TiO ₂ Na ₂ O P ₂ O ₅ MnO Loss on ignition at 600 °C	51,5 % 27,0 % 10,0 % 0,4 % 2,9 % 2,8 % 0,4 % 0,2 % 0,2 % 0,03 % <2 %
Heavy metal content	As (mg/kg) Sb (mg/kg) Hg (mg/kg) Cd (mg/kg) Pb (mg/kg)	<2 <1 <1 <0,1 <5
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 Staph. aureus cfu/25g Candida albicans cfu/25g	Max. 100 Max. 100 Max. 100 Max. 10 Max. 3 not detectable not detectable not detectable not detectable

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Particle Size Distribution CILAS	d98	17,5 µm
	d90	12,5 µm
	d50	7,5 µm
	d30	5,5 µm
	d10	3,0 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!

Ongoing inspection is carried out by accredited testing laboratory "BAV-INSTITUT".

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