



MICA F

Aspanger Mica is a Muscovite Mica, 100% produced from our own Austrian deposit only 70 km south of Vienna, which will last for more than 100 years. More details you can find under www.aspanger.com

General Characteristics

Specific Gravity (g/cm ³) ISO 787/10-1981	2,85
Mohs Hardness DIN-EN-15771	2,5
Whiteness FMY (%) ISO 2470	83
Humidity at 100°C (%) ISO 787/2-1981	< 1
pH ISO 787/9-1981	9,5
Oil Absorption (g/100g) ISO 787/5-1980	24
Loose Bulk Density (g/l) DIN ISO 697	440

Chemical Analysis

SiO ₂	51,5 %
Al ₂ O ₃	27,0 %
K ₂ O	10,0 %
CaO	0,4 %
Fe ₂ O ₃	2,9 %
MgO	2,8 %
TiO ₂	0,4 %
Na ₂ O	0,2 %
P ₂ O ₅	0,2 %
MnO	0,03 %
Loss on ignition at 600°C	<2,0 %

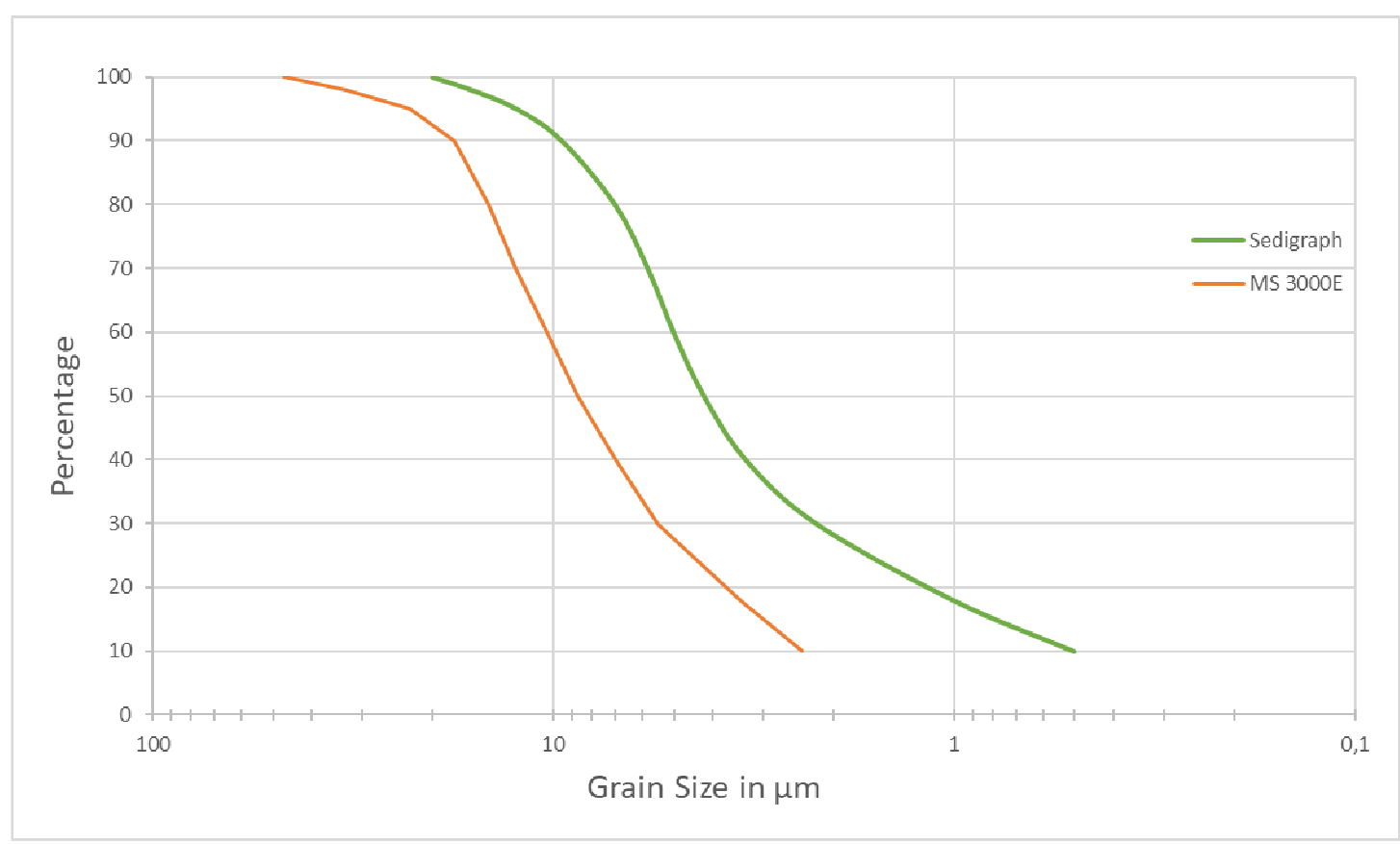


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Particle Size
Distribution
Sedigraph 5120 /
Mastersizer 3000E

d98
d90
d50
d30

16,0 µm / 33,0 µm
9,5 µm / 22,5 µm
4,2 µm / 11,0 µm
2,2 µm / 7,0 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!

REV 5/02-2023