



MICA SFG20

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 | 26 |
| Loose Bulk Density (g/l) DIN ISO 697 | 370 |

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 % |

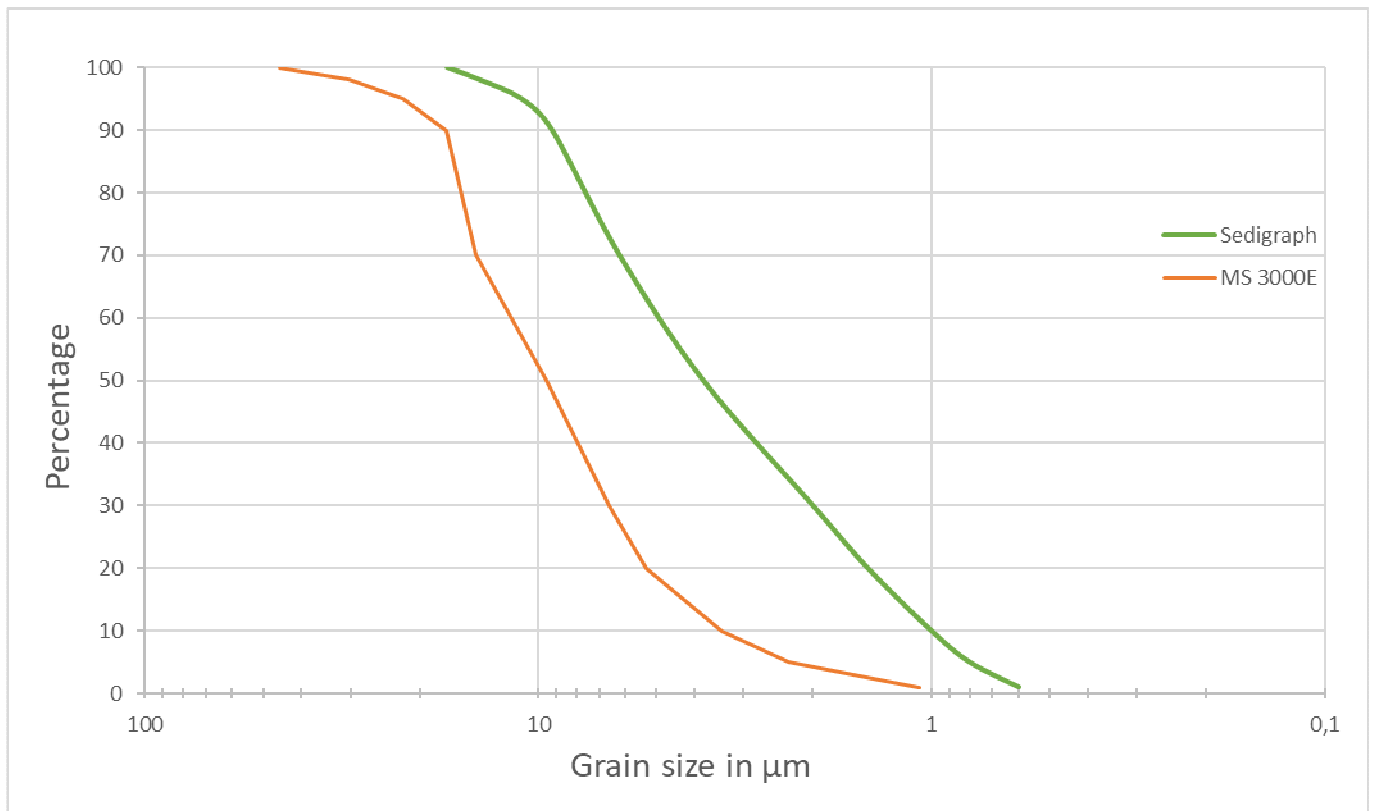


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Particle Size
Distribution
Sedigraph /
Mastersizer 3000E

d98
d90
d50
d30

14,0 µm / 30,0 µm
9,2 µm / 22,0 µm
3,8 µm / 10,0 µm
2,0 µm / 6,6 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