



## MICA N

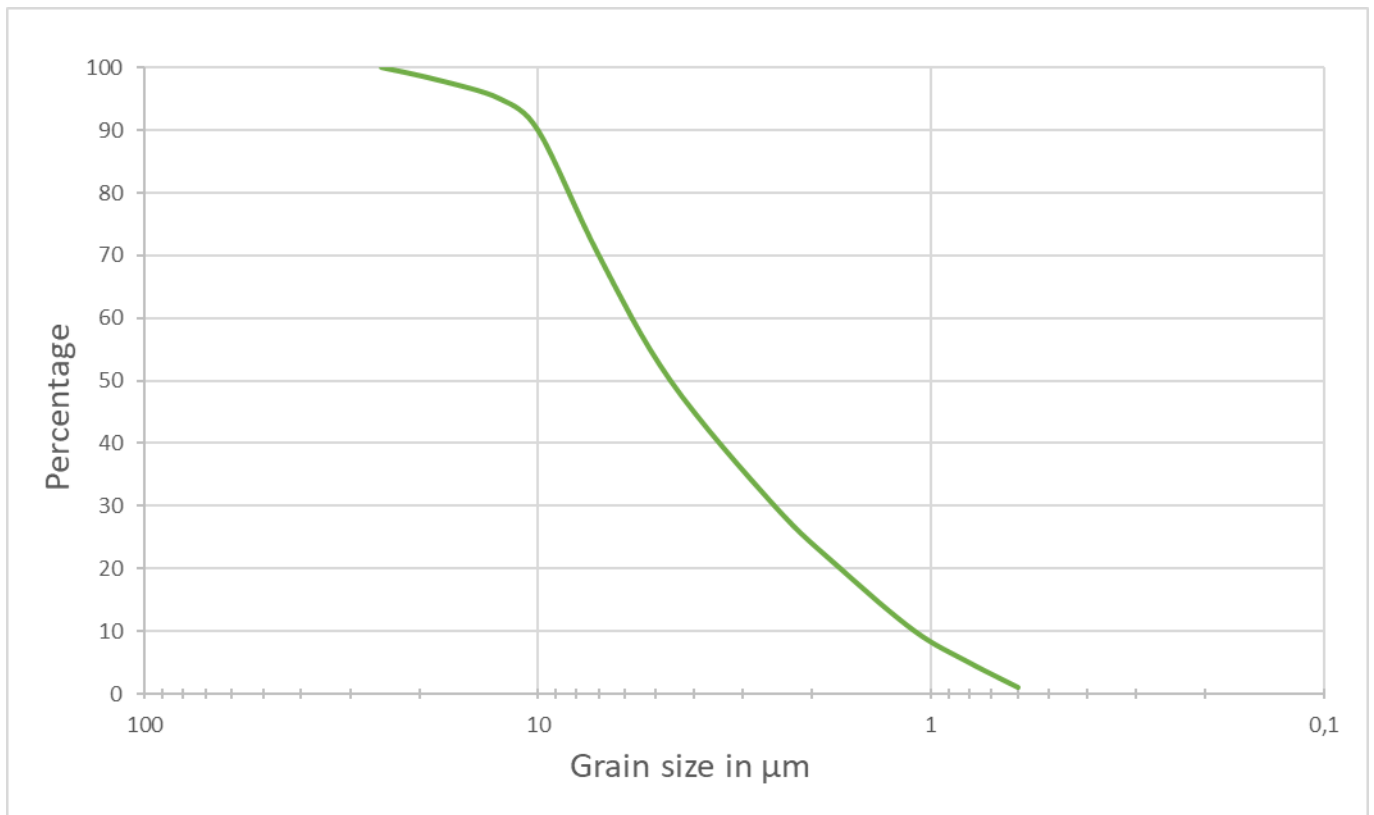
Aspanger Mica is a muscovite-type mica from our own Austrian deposit. More details you can find in the separate product overview-sheet or under [www.aspanger.com](http://www.aspanger.com)

|                         |  |        |
|-------------------------|--|--------|
| General Characteristics | Specific Gravity (g/cm <sup>3</sup> )<br>ISO 787/10-1981 | 2,85   |
|                         | Moh's Hardness   | 2,5    |
|                         | Whiteness FMY (%)  | 80     |
|                         | Humidity at 100°C (%)<br>ISO 787/2-1981                  | < 1    |
|                         | pH<br>ISO 787/9-1981                                     | 9,5    |
|                         | Oil Absorption (g/100g)<br>ISO 787/5-1980                | 24     |
|                         | Spec. Surface Area (m <sup>2</sup> /g)                   | 10     |
|                         | Loose Bulk Density (g/l)                                 | 460    |
| Chemical Analysis       | SiO <sub>2</sub>   | 51,5 % |
|                         | Al <sub>2</sub> O <sub>3</sub>                           | 27,0 % |
|                         | K <sub>2</sub> O   | 10,0 % |
|                         | CaO  | 0,4 %  |
|                         | Fe <sub>2</sub> O <sub>3</sub>                           | 2,9 %  |
|                         | MgO  | 2,8 %  |
|                         | TiO <sub>2</sub>   | 0,4 %  |
|                         | Na <sub>2</sub> O  | 0,2 %  |
|                         | P <sub>2</sub> O <sub>5</sub>                            | 0,2 %  |
|                         | MnO  | 0,03 % |
| Loss on ignition        | 4,57 %   |        |



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|  |     |                    |
|--|-----|--------------------|
| Particle Size Distribution<br>Sedigraph 5120 | d98 | 18,0 $\mu\text{m}$ |
|  | d90 | 10,0 $\mu\text{m}$ |
|  | d50 | 4,6 $\mu\text{m}$  |
|  | d30 | 2,5 $\mu\text{m}$  |



Technical information and data described herein are believed to be reliable, but should not be taken as a specification and cannot establish any liability!

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