

Product Data Sheet

MAS T5/2

Description and applications

MAS T5/2 is a naturally occurring, lamellar mineral. Its chemical inertness renders it harmless to animals, making it an ideal additive and filler for animal feeds and premixes.

Typical Properties

B.E.T. (ISO 9277).....	3.0m ² /g
Density (ISO 787/10).....	2.78g/cm ³
Tapped bulk density (ISO 787/11).....	1.00g/cm ³
Loose bulk density (EN 1097/3).....	0.80g/cm ³
Hardness (Mohs scale).....	1
pH (ISO 787/9).....	9

Mineral Analysis (thermogravimetric analysis)

Talc/chlorite.....	98%
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Chemical Analysis (X-ray fluorescence)

SiO ₂	48%
MgO.....	30%
Al ₂ O ₃	11%
CaO.....	0.5%
Loss on ignition at 1050°C.....	10%
Moisture content at 105°C (ISO 787/2).....	max. 0.5%
Screen residue (Alpine airjet) > 100µm.....	1.8%

Particle Size Distribution by Sedigraph®

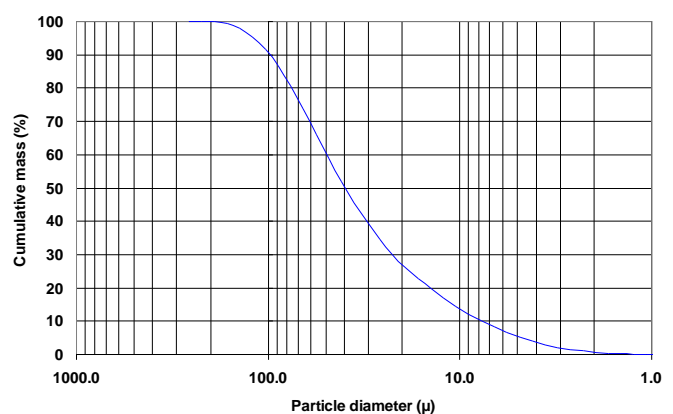
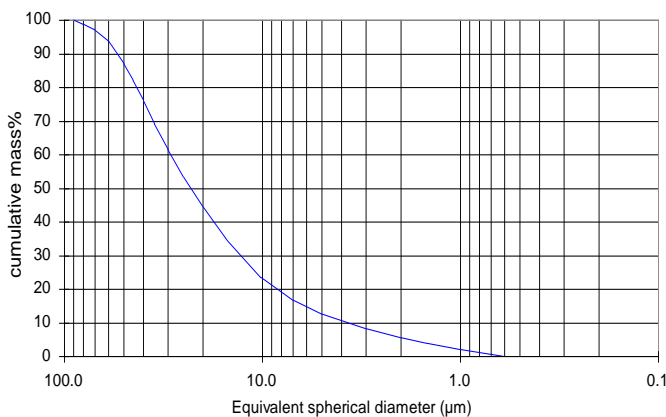
Sedimentation analysis – Stokes' law (ISO 13317-3)

Median Diameter: 23.0µm

by Laser Mastersizer

Laser diffraction - Mie theory (ISO 13320-1)

Median Diameter: 40.0µm



- Numerous trials demonstrating no adverse effect on animals
- Compliant with European Directive 70/524/EEC European Feed Additive E560

Notice: Although the data listed are typical, they are not production specifications. The supplier provides the data in good faith, however it makes no warranty or representation of any kind, express or implied, regarding the information given or product described including any warranty of suitability for a particular purpose.

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