



Magnesium sulphate

[Extra Pure Grade]

GRAMICID®

Technical data Sheet for Magnesium Sulphate [Extra Pure Grade]

Magnesium Sulfate Anhydrous typ. 98% MgSO₄, calculated with reference to the anhydrous substance.

Nature of Product: nearly white salt, hygroscopic

Chemical Analysis	w	typical	min.	max.
Magnesium Sulphate (MgSO ₄)	%	98.4	97.5	
Potassium Sulphate (K ₂ SO ₄)	%	0.6	0.1	1.5
Calcium Sulphate (CaSO ₄)	%	0.5	0.1	1.0
Others, mainly H ₂ O	%	0.5	0.1	1.5

Physical Properties:

Bulk Density	ca. 1,300 kg/m ³
Angle of Repose	ca. 31 °
Molecular Weight	120.37 g/mol
Density	2.7 g/cm ³
Solubility in water Readily soluble; to avoid clotting, the salt should always be intensively mixed into water and not vice versa.	w (MgSO ₄) = 26.3 % at 20 °C (68 °F)

Packaging:

Magnesium Sulphate [Extra Pure Grade] is available in 30Kg and 50Kg

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