

Technical datasheet

PurMag S-50

PurMag S-50 is a stabilized Magnesium Hydroxide slurry suitable for use in technical applications, as additive in waste water treatment and in struvite formation.

Chemical Analysis

Dry basis

	Typical value	Specification
MgO, by difference	98.5 %	97.5 % min
CaO	1.00 %	1.50 % max
Fe ₂ O ₃	0.10 %	0.15 % max
SiO ₂	0.30 %	0.50 % max
Al ₂ O ₃	0.06 %	0.10 % max

As delivered

Solid content	45 %	Min 40%
MgO equivalent	30 %	Min 26%
Stabilizer content	Max 2%	

Physical Properties

Bulk density, gr/l	1335
Median particle size (µm)	3 - 5
Viscosity cP	100 – 400

Packaging:

- 25 liter can's
- IBC 1.000 liters
- Bulk 25 – 30 ton

Shelf life: providing the material is stored under "slow moving" conditions, a guarantee can be given for 6 months.

In case of "still" storage, the product is stable up to 2 months

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Date: July 2009
Version: 001

Other information:

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