

Technical datasheet

PurMag® 100

PurMag® 100 is an active Magnesium Oxide, produced from sea water and dolomitic lime especially suitable for pulp & paper and ink industries as well as the production of magnesium compounds and other chemical applications. It can also be used in the rubber & plastic processing industry as acid acceptor and stabilizer.

*PurMag® is a registered trade mark of SMA Mineral Magnesia AS, Norway.
Van Mannekus is the sole distributor for SMA milled products.*

Chemical Analysis

Ignited 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

LOI (loss on ignition, 950°C)	8 %	12 % max
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Physical Properties

Bulk density, tapped (g/l)	500	
Specific surface area (m ² /g)	100	90-120
Median particle size (µm)	3.2	
Sieve Residue, +45 µm		1 % max

Packaging:

- 25 kg bags, double layered palletized
- Big Bags (approximately 800 kg)
- Bulk

Storage: The product should be stored dry and protected from moisture.

Shelf life: provided the bag's are closed and stored in dry and moist-free conditions guarantee can be given for 6 months.

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