

Technical datasheet

PurMag® 40

PurMag® 40 is moderately active Magnesium Oxide, produced from sea water and dolomitic lime especially suitable for the printing ink and fuel additive industries. It can also be used in the rubber and chemical industry requiring moderate activity.

*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)	3 %	6 % max
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Physical Properties

Bulk density, tapped (g/l)	500	
Specific surface area (m ² /g)	40	30-60
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.

Van Mannekus &Co bv.

Nieuwe Waterwegstraat 45 3115 HE Schiedam
P.O. Box 230 3100 AE Schiedam Netherlands
Tel: +31-(0)10-4091500 Fax: +31-(0)10-4730880
Website: www.mannekus.com E-mail: info@mannekus.com

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