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## Technical datasheet

### PurMag® 140

**PurMag® 140** is a highly active Magnesium Oxide, produced from sea water and dolomitic lime especially suitable for the rubber & plastic processing industry as an anti-scorching/curing agent, acid acceptor and stabilizer. Also used as a thickening agent in fiber-reinforced polyester compounds (SMC/BMC) and in chemical applications requiring high activity.

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

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#### Chemical Analysis

##### *Ignited basis*

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

##### *As delivered*

LOI (loss on ignition, 950 °C)	8.5 %	11 % max
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#### Physical Properties

Bulk density, tapped (g/l)	500	
Specific surface area (m <sup>2</sup> /g)	140	130-150
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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**Other information:**

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