



PaperMag® 45 is a stabilized, high purity Magnesium Hydroxide slurry. It is characterised by high purity and has excellent flowability and storage properties. It is widely used in the paper industry as alkali in the peroxide bleaching process and as a cellulose protector.

## Product content (as delivered)

---

	Typical value, %	Specification, %
Solid content	45 %	40 %
MgO equivalent	30 %	26 %

## Analysis (dry basis)

---

Main elements	Typical value, %	Specification, %
Mg(OH) <sub>2</sub>	96.70	> 94.00
CaO	1.40	< 2.00
Fe <sub>2</sub> O <sub>3</sub>	0.10	< 0.17
MnO	0.008	< 0.015
Al <sub>2</sub> O <sub>3</sub>	0.05	< 0.08

## Physical properties (typical values)

---

Bulk density	g/l	1335
Particle size (d <sub>50</sub> )	µm	3 - 5
Viscosity	cP	100 - 400

## Delivery - storage

---

Tank trucks, 25 - 30 tonne

The product can be transferred from the tank truck to a local storage tank by pumping or using 1-2.5 barg working air.

## Other information

---

