



KONOSHIMA CHEMICAL CO., LTD.

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Technical Data Sheet

July 31, 2017

【Description】	Product name	MAGNESIUM OXIDE
	Brand name	STARMAG M
【Specification】	Screen residues (75μm)	% 0.5 max
	Moisture	% 1.0 max
	Ignition loss	% 4.0 max
	Soluble matter in water	% 1.5 max
	Insoluble matter in HCl	% 0.2 max
	Ferric oxide and alumina	% 0.3 max
	Magnesium oxide (after ignited)	% 97.0 min
	Bulk density (JIS method)	g/mL 0.45-0.65
【Typical properties】	Odor	None
	pH	about 10.4 (4% slurry)
	Melting point	2800 °C
	Boiling point	3600 °C
	Specific gravity	3.65
	Water solubility	0.0006 % (in water)
【Product appearance】	Description	Fine powder
	Color	White
【Composition】	Composition	Magnesium Oxide 100 %
	Chemical Formula	MgO
	CAS No.	1309-48-4



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【Storage condition】 Avoid the water and moisture, and keep it in the indoor warehouse.


Seal up the remainder after a package is opened to the plastic bag.

【Shelf life】 1 year after manufactured (when it is unopened)

【Packaging】
Appearance Paper bag
Materials 3-ply kraft-paper & inner 1-ply polyethylene
Net weight 20 kg

【Particle size distribution】 Please refer to an attached Result of Particle size distribution (written in Japanese).

【Safety information】 Please refer to an attached SDS.


Q.A. group

Technology supervision division

Konoshima chemical Co.,Ltd.