



TECHNICAL DATA SHEET

Magnesium Oxide 10 MgO 92%

Commodity: Magnesium Oxide

GUARANTEED ANALYSIS:

Description: MgO 10 is a caustic calcinated natural magnesite with a moderate activity. The low level of impurities make this product suitable for different applications such as; cellulose, fertilizer, animal feed, and water treatment.

Composition:	Typical Specification	
Magnesium Oxide (MgO)% (ON IGNITED BASIS)	93.25	92.0 min.
Magnesium Oxide (MgO)%	90.75	90.0 min.
Calcium Oxide (CaO)%	1.80	3.00 max.
Silica (SiO ₂)%	1.30	2.00 max.
Aluminum Oxide (Al ₂ O ₃)%	0.07	0.20 max.
Iron Oxide (Fe ₂ O ₃)%	0.31	0.60 max.
Sulphate (SO ₃)%	0.10	0.40 max.
Loss on Ignition%	2.50	6.00 max.
Total heavy metals ppm	10.00	

Physical Properties:

Screen size, % through 120 mesh	98.0	95.0
Median particle size, microns	20.0	
Bulk density, g/l	800.0	
Color	light brown to white	
Surface area, m ² /g	12-30	

Packaging: Available in 25 kg, polypropylene bags on shrink-wrapped pallets. Also available in big bags or bulk when required.

12EU-13AG

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