



MAGOX® Super Premium

Magnesium Oxide Powder

PRODUCT DESCRIPTION

MAGOX® Super Premium is a finely sized, synthetic high-purity magnesium oxide produced from deep well brine. It is used when conditions demand a very fast reaction rate and high surface area.

CUSTOMER BENEFITS

MAGOX Super Premium delivers value through:

- Consistent product quality
- Vertically integrated manufacturing
- Being a domestically manufactured source
- Being a high-quality and lower-cost alternative in several markets

TYPICAL APPLICATIONS

- Metal Precipitation
- pH neutralization
- Rubber & Plastic

PACKAGING

MAGOX Super Premium is shipped in 25 kg bags.

DISTRIBUTED BY: R.E. CARROLL, INC.
1570 NORTH OLDEN AVENUE
TRENTON NJ 08638-3204
T: 609-695-6211/800-257-9365
F: 609-695-0102 www.recarroll.com

Product manufactured in the USA

MAGOX® is a registered trademark of Premier Magnesia, LLC

Premier Magnesia, LLC, 300 Barr Harbor Drive, Suite 250, West Conshohocken, PA 19428
1-800-227-4287

<http://www.premiermagnesia.com>

Disclaimer: The information provided in this Product Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Revision Date: 9-1-2015

CHEMICAL ANALYSIS (%)

	<u>Typical</u>	<u>Max</u>	<u>Min</u>
LOI (1000°C)	8.0	10.0	
MgO	98.2		97.0
SiO ₂	0.35	0.5	
Fe ₂ O ₃	0.15	0.3	
Al ₂ O ₃	0.10	0.2	
CaO	0.80	1.0	
Cl	0.30	0.5	
SO ₃	0.05	0.3	

(Ignited Oxide Basis)

PHYSICAL PROPERTIES

	<u>Typical</u>	<u>Max</u>	<u>Min</u>
S.S.A (m ² /g)	150		130
Median Particle Size (micron)	5		
<u>Bulk Density (lb/ft³)</u>			
Loose	24		
Tapped	34		
<u>Screen Analysis (wt.%)</u>			
-100 Mesh			99.9
-325 Mesh			99.0

PRODUCT STORAGE

MAGOX Super Premium has a recommended shelf life of 12 months. The product is hygroscopic and exposure to external moisture may cause hardening. The product should be stored in an appropriate and dry location. Please contact Premier personnel with any questions.