



# MAGOX<sup>®</sup> 93 HR -325

## Magnesium Oxide Powder

### PRODUCT DESCRIPTION

MAGOX<sup>®</sup> 93 HR -325 is a chemical grade magnesium oxide powder produced from beneficiated Nevada magnesite ore.

### CUSTOMER BENEFITS

MAGOX 93 HR -325 delivers value through:

- Consistent product quality
- Vertically integrated manufacturing
- Being a domestically mined source
- High reactivity through best available manufacturing process

### APPLICATIONS

- Wastewater neutralization
- Pulp & Paper
- Power boiler deslagging
- Metal precipitation
- Silica removal
- Magnesia salt production
- Flue gas desulphurization
- Fertilizer manufacturing
- FCC catalyst additive
- Drilling mud additive

### CHEMICAL ANALYSIS (%)

	<u>Typical</u>	<u>Max</u>	<u>Min</u>
LOI (1000°C)	2.7	5.4	
MgO	93.7		92.0
Insol	2.0		
Fe <sub>2</sub> O <sub>3</sub>	0.5		
Al <sub>2</sub> O <sub>3</sub>	0.4		
CaO	3.4		

(Ignited Oxide Basis)

### PHYSICAL PROPERTIES

	<u>Typical</u>	<u>Max</u>	<u>Min</u>
Reactivity, min. (TP-52)	6	7	5
S.S.A (m <sup>2</sup> /g)	35		
<u>Bulk Density (lb/ft<sup>3</sup>)</u>			
Loose	40		
Tapped	58		
<u>Screen Analysis (wt.%)</u>			
+100 Mesh		0.0	
-325 Mesh	97.0		95.0

### PACKAGING AND STORAGE

MAGOX 93 HR -325 is shipped in bulk and in various packaging. MAGOX 93 HR -325 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.

Product manufactured in the USA

**MAGOX<sup>®</sup> is a registered trademark of Premier Magnesia, LLC**

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