

Magnesite 33

Magnesium Carbonate Powder

PRODUCT DESCRIPTION

Magnesite 33 is a magnesium carbonate powder ground from naturally-occurring magnesite ore quarried from deposits in Nevada.

CUSTOMER BENEFITS

Magnesite 33 delivers value through:

- Consistent product quality
- Being a domestically mined and processed source
- Vertically integrated manufacturing

APPLICATIONS

- Magnesia source for agricultural and feed applications
- Power boiler deslagging
- Flue gas desulphurization
- Releasing agent for ceramic tile production
- Filler material in various products
- Adsorbent
- Flowing agent
- Oil field applications, such as an acid-soluble weighting agent and buffer in drilling fluids

CHEMICAL ANALYSIS (%)

	<u>Typical</u>	<u>Max</u>	<u>Min</u>
LOI (1000°C)	50.2	52.0	47.8
MgO	91.6		89.5
Mg ⁺² (As-Is Basis)	27.7		
CaO	3.3		
Fe ₂ O ₃	1.0		
Al ₂ O ₃	0.7		
Insol	3.4		

(Ignited Oxide Basis except where noted)

PHYSICAL PROPERTIES

	<u>Typical</u>	<u>Max</u>	<u>Min</u>
<u>Bulk Density (lb./ft³)</u>			
Loose	66		
Tapped	96		
<u>Screen Analysis (wt.%)</u>			
+100 Mesh	0.0	1.0	
+200 Mesh	2.0	4.0	
+325 Mesh	8.0		
-325 Mesh	90.0		

PACKAGING AND STORAGE

Magnesite 33 is shipped in bulk, 80 lb. bags and super sacks. Magnesite 33 has a recommended 18 month shelf life. The product should be stored in an appropriate and dry location. Please contact Premier personnel with any questions.

Product manufactured in the USA

MAGOX® is a registered trademark of Premier Magnesia, LLC

Premier Magnesia, LLC, 1275 Drummers Lane, Suite 102, Wayne, PA 19087

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: 1/13/2017