

# 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 <sup>+2</sup> (As-Is Basis)	27.7		
CaO	3.3		
Fe <sub>2</sub> O <sub>3</sub>	1.0		
Al <sub>2</sub> O <sub>3</sub>	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./ft<sup>3</sup>)</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

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