



# Magnesium Oxide 54

## Feed Grade

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**Formula** MgO  
Typical Analysis 93.0% Magnesium Oxide loss free

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**Product Description** Feed Grade Magnesium Oxide is a free flowing, low dust, natural magnesite. Magnesium Oxide is exclusively sourced from China to offer animal feed manufacturers a superior grade of magnesium.

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<b>Nutrient Properties</b>	<b>Specification</b>	<b>Typical</b>
Magnesium, as Mg On a Loss Free Basis - %	54.00 Minimum	56.08
Loss on Ignition - %	3.00 to 4.00 Maximum	3.25
Calcium Oxide, as CaO - %	2.00 Maximum	2.00
Silica Oxide, as SiO <sub>2</sub> - %	2.00 Maximum	1.20
Iron Oxide + Al <sub>2</sub> O <sub>3</sub> - %	.700 Maximum	0.70
Availability in dilute Acid (0.4% HCl) - %		99.00

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**Physical Properties**  
(cumulative % retained)

+20 mesh	18.00 - 30.00	18.0
-20 Mesh +80 Mesh	50.00 - 80.00	68.0
-80 Mesh	8.0 - 16.00	14.0
Bulk Density, lbs./cu. ft.	60.00	60.00
Flow ability	Free flowing, non-caking	

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**Packaging Options** 50 lbs multi-wall poly-lined bags  
One ton bulk bags  
Bulk hopper trucks  
Bulk hopper railcars

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