



# MagChem® P98 Dead Burned Milled Magnesium Oxide

<b>DESCRIPTION</b>	MagChem P98 products are high purity magnesium oxides produced from magnesium-rich brine and dolomitic lime. The products are fired in a shaft kiln to produce dead burned magnesium oxide with high density and low reactivity.		
<b>USES</b>	MagChem P98 products are well suited for refractory and ceramic applications and other applications where a slow, controlled chemical reaction rate is required.		
<b>COMPOSITION</b>		<b>Typical</b>	<b>Specification</b>
	Magnesium Oxide (MgO), %	98.0	97.7 min.
	Silicon Oxide (SiO <sub>2</sub> ), %	0.7	0.8 max.
	Calcium Oxide (CaO), %	0.95	1.1 max.
	Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ), %	0.15	0.3 max.
	Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> ), %	0.19	0.3 max.
	Loss on Ignition, %	---	0.3 max
	MagChem P98 grades are available in a variety of milled sizes from minus 1/8" to powder.		
	<b>Typical Screen Sizes</b>		
	<b>% Passing</b>	<b>1/8"</b>	<b>-30 Mesh</b>
	4 Mesh	100	
	6 Mesh	95	
	8 Mesh	64	100
	16 Mesh	16	99.0
	30 Mesh	2	88
	50 Mesh		98
	100 Mesh		91
	200 Mesh	16	75
	325 Mesh		60

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<b>PACKAGING</b>	Martin Marietta Magnesia Specialties offers a variety of packaging options, including bags, and bulk sacks. Please contact a sales representative for information on available packaging options.
<b>STORAGE</b>	Store in a dry place. Exposure to moisture may cause caking.

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