



MagChem® P98 Dead Burned Milled Magnesium Oxide

DESCRIPTION	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.		
USES	MagChem P98 products are well suited for refractory and ceramic applications and other applications where a slow, controlled chemical reaction rate is required.		
COMPOSITION		<u>Typical</u>	<u>Specification</u>
	Magnesium Oxide (MgO), %	98.2	97.7 min.
	Silicon Oxide (SiO ₂), %	0.64	0.8 max.
	Calcium Oxide (CaO), %	0.86	1.1 max.
	Iron Oxide (Fe ₂ O ₃), %	0.17	0.3 max.
	Aluminum Oxide (Al ₂ O ₃), %	0.09	0.3 max.
	Loss on Ignition, %	0.12	0.3 max
	MagChem P98 grades are available in a variety of milled sizes from minus 1/8" to powder.		
	<u>Typical Screen Sizes</u>		
	<u>% Passing</u>	<u>1/8"</u>	<u>-30 Mesh</u>
	4 Mesh	100	
	6 Mesh	96	
	8 Mesh	66	100
	16 Mesh	17	99.8
	30 Mesh	2	88
	50 Mesh		97
	100 Mesh		89
	200 Mesh		73
	325 Mesh		61

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PACKAGING	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.
STORAGE	Store in a dry place. Exposure to moisture may cause caking.

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