



# MagChem® P98 G

## Dead Burned Magnesium Oxide

<b>DESCRIPTION</b>	MagChem P98 G is a high purity magnesium oxide produced from magnesium-rich brine and dolomitic lime and fired in a shaft kiln. MagChem P98 G is further processed to remove tramp metals for use as a process modifier in specialty glass and ceramic applications where a low level of metallic iron is required.		
<b>COMPOSITION</b>		<b>Typical</b>	<b>Specification</b>
	Magnesium Oxide (MgO), %	98.4	97.7 min.
	Calcium Oxide (CaO), %	0.81	1.1 max.
	Silicon Oxide (SiO <sub>2</sub> ), %	0.59	0.80 max.
	Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ), %	0.14	0.25 max.
	Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> ), %	0.09	0.25 max.
	Boron (B <sub>2</sub> O <sub>3</sub> ), %	0.05	0.18 max.
	Chrome (Cr <sub>2</sub> O <sub>3</sub> ), %	0.001	0.0035 max.
	Loss on Ignition, %	0.09	0.30 max.
<b>PHYSICAL PROPERTIES</b>	<b>Screen Size</b>	<b>Typical</b>	<b>Specification</b>
	% passing 8 mesh	100.0	100.0 min.
	% passing 14 mesh	100.0	99.9 min.
	% passing 16 mesh	99.9	98.0 min.
	% passing 20 mesh	99.0	95.0 min.
	% passing 200 mesh	9.65	25.0 max.
<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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