



MagChem® P98 G

Dead Burned Magnesium Oxide

DESCRIPTION	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.		
COMPOSITION		Typical	Specification
	Magnesium Oxide (MgO), %	98.14	97.7 min.
	Calcium Oxide (CaO), %	0.90	1.1 max.
	Silicon Oxide (SiO ₂), %	0.70	0.80 max.
	Iron Oxide (Fe ₂ O ₃), %	0.14	0.25 max.
	Aluminum Oxide (Al ₂ O ₃), %	0.10	0.25 max.
	Boron (B ₂ O ₃), %	0.06	0.18 max.
	Chrome (Cr ₂ O ₃), %	0.001	0.0035 max.
	Loss on Ignition, %	0.13	0.30 max.
PHYSICAL PROPERTIES	Screen Size	Typical	Specification
	% passing 8 mesh	100.0	100.0 min.
	% passing 14 mesh	99.9	99.9 min.
	% passing 16 mesh	99.9	98.0 min.
	% passing 20 mesh	99.6	95.0 min.
	% passing 200 mesh	12.0	25.0 max.
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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