



## MagChem® P98 1LS Periclase

DESCRIPTION	MagChem P98 1LS is a high purity, dead burned magnesium oxide produced from magnesium-rich brine and dolomitic lime, and fired in a shaft kiln. MagChem P98 1LS is used in the manufacture of refractory brick for use in steelmaking, monolithic refractories, cement, nonferrous metals industries, and other miscellaneous manufacturing applications.		
COMPOSITION		<u>Typicals</u>	<u>Specification</u>
	Magnesium (MgO), %	98.2	97.7 min.
	Calcium (CaO), %	0.87	1.0 max.
	Silicon (SiO <sub>2</sub> ), %	0.66	0.80 max.
	Iron (Fe <sub>2</sub> O <sub>3</sub> ), %	0.14	0.25 max.
	Aluminum (Al <sub>2</sub> O <sub>3</sub> ), %	0.09	0.25 max.
	Boron (B <sub>2</sub> O <sub>3</sub> ), %	0.05	
	CaO:SiO <sub>2</sub> Ratio (wt.)	1.35	
	Loss on Ignition, %		0.30 max.
PHYSICAL PROPERTIES		<u>Typical</u>	<u>Specification</u>
	Bulk Specific Gravity, g/cm <sup>3</sup> (Water Method, for typical mercury add 0.03)	3.32	3.27 min.
	Screen Size	Briquettes	
PACKAGING	Martin Marietta Magnesia Specialties offers this product in bulk shipments (railcar and truck) only.		

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