



MagChem® P98 3LS Periclase

DESCRIPTION	MagChem P98 3LS is a high purity, dead burned magnesium oxide produced from magnesium-rich brine and dolomitic lime, and fired in a shaft kiln. MagChem P98 3LS 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>Typical</u>	<u>Specification</u>
	Magnesium (MgO), %	98.5	98.0 min.
	Calcium (CaO), %	1.01	1.2 max.
	Silicon (SiO ₂), %	0.26	0.35 max.
	Iron (Fe ₂ O ₃), %	0.14	0.20 max.
	Aluminum (Al ₂ O ₃), %	0.10	0.20 max.
	Boron (B ₂ O ₃), %	0.026	0.04 max.
	CaO:SiO ₂ Ratio (wt.)	4.0	
	Loss on Ignition, %		0.30 max.
PHYSICAL PROPERTIES		<u>Typical</u>	<u>Specification</u>
	Bulk Specific Gravity, g/cm ³ (Water Method, for typical mercury add 0.03)	3.39	3.36 min.
	Screen Size	Briquettes	
PACKAGING	Martin Marietta Magnesia Specialties offers this product in bulk shipments (railcar and truck) only.		

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