



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		Typical	Specification
	Magnesium (MgO), %	98.0	97.7 min.
	Calcium (CaO), %	0.95	1.0 max.
	Silicon (SiO ₂), %	0.70	0.80 max.
	Iron (Fe ₂ O ₃), %	0.15	0.25 max.
	Aluminum (Al ₂ O ₃), %	0.18	0.25 max.
	Boron (B ₂ O ₃), %	0.06	
	CaO:SiO ₂ Ratio (wt.)	1.35	
	Loss on Ignition, %		0.30 max.
PHYSICAL PROPERTIES		Typical	Specification
	Bulk Specific Gravity, g/cm ³ (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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