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Typical Product Specifications & Properties

Magnesium Oxide

CAS Number: : 1309-48-4

Specifications	Limits
Density	3.65-3.75
Very Soluble	in water
K	0.005%
CaO	0.1%
SiO ₂	0.04%
Na	0.020%
Appearance	Free flowing white powder
MgO	99.5%
Surface Area	170.0 M ² /g
Loss on Ignition	7.0%
Bulk Density	21.0 lbs/ft ³
% Thru 325Mesh - Wet	100 min.



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Specifications	Limits
Cl	0.15%
SO4	0.18%
Al2O3	0.004%
Fe2O3	0.015%
Melting Point	2800 c
Insolubility	in alcohol
Odor	wh. powd. or cryst., odorless
Molecular weight	40.31
Solubility	dil. acids, ammonium salt solns.
Boiling Point	3600 c
Chemical Structure	 <p>Chemical structure diagram showing a magnesium atom (Mg) double-bonded to an oxygen atom (O), with the text "O=Mg" above it. Below the diagram is the Parchem logo and tagline "fine & specialty chemicals".</p>



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