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## Typical Product Specifications & Properties

# Active Magnesium Oxide RA 110

CAS Number: : 1309-48-4

Specifications	Limits
Density	3.65-3.75
Very Soluble	in water
Surface area (BET)	130 - 170 m <sup>2</sup> /gr
Bulk Density (10 taps)	0.60 gr/cc max
Particle Size: Passes 325 mesh (wet Sieve)	99.0% min
Magnesium Oxide as MgO (by difference)	98.0 - 100.0%
Aluminum as Al <sub>2</sub> O <sub>3</sub>	0.015% max
Calcium as CaO	0.45% max
Silicon as SiO <sub>2</sub>	0.04% max
Iron as Fe <sub>2</sub> O <sub>3</sub>	0.03% max
Chloride as Cl	0.25% max
Sulphate as SO <sub>4</sub>	0.25% max



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Specifications	Limits
Sodium as Na	0.10% max
Potassium as K	0.04% max
Loss on Ignition	7.0% max
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



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