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Typical Product Specifications & Properties

Magnesium Oxide DC Granular

CAS Number: : 1309-48-4

Specifications	Limits
Density	3.65-3.75
Very Soluble	in water
Particle Size (US Std. Sieve)	65 - 80% through 60 Mesh
Arsenic PPM	< 3 ppm
Free Formaldehyde %	(as 0.1 NH ₂ SO ₄ /g) : < 2.0 ml
Chlorides	(as Cl) : < 0.1 %
Loss on ignition (550°C)	<8 %
MgO - Magnesium Oxide (%)	98% - 100.5%
Iron	(as Fe) : < 0.05 %
Sulfates	(as SO ₄) : < 0.75 %
Soluble Salts	< 1.0 %
Density (lbs/gal(US)@20°)	0.9 - 1.2 g/cc



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Specifications	Limits
Acid Insoluble matter	< 0.1 %
Lead	(as Pb) : 0.3 ppm Max
Sensoric	White to off-white granular powder bulk
Calcium	(as CaO) : < 1.0 %
Heavy Metals, as Pb	< 20 ppm
Insolubility	in alcohol
Melting Point	2800 c
Odor	wh. powd. or cryst., odorless
Molecular weight	40.31
Solubility	dil. acids, ammonium salt solns.
Boiling Point	3600 c



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