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Typical Product Specifications & Properties

Magnesium Hydroxide powder

CAS Number: : 1309-42-8

Specifications	Limits
Density	2.36
Loose Bulk Density	30 lb/ft ³
Fe ₂ O ₃	0.12
MgO	98.00 min
B ₂ O ₃	0.25
LOI (1000°C)	31 - 33%
Sulfate (SO ₃)	0.50
(Loss Free Basis)	
Al ₂ O ₃	0.13
Tapped Bulk Density	50 lb/ft ³
Mg(OH) ₂	96.00
SiO ₂	0.45



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Specifications	Limits
Particle Size	4 microns
Mesh	1.0% max through +100 mesh
CaO	0.65
Mesh	96.0% min through -325 mesh
Chloride (Cl)	0.10
Melting Point	350 c (dec.)
Odor	odorless
Molecular weight	58.33
Color	white amorphous powder or colorless hexagonal crystal
Solubility	soln. of ammonium salts and dilute acids



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