

Typical Product Specifications & Properties

Magnesium Hydroxide GILUMAG D671

CAS Number: : 1309-42-8

Specifications	Limits
Density	2.36
Ph - stat test	min. 25ml/ 25ml 26ml 0.1 n HCl
Viscosity	max. 9000 m Pas LV 3/12
Mg(OH) ₂	34-37%
Na	max. 50ppm
Heavy Metals	max. 5 ppm
Acid Neutralizing Capacity, USP	min. 80%
pH	9-11.5
SO ₄	max. 0.05%
Cl	max. 0.05%
As	max. 0.6 ppm
Rosett - Rice titration	min. 40 minutes

Specifications	Limits
Odor	odorless
Melting Point	350 c (dec.)
Molecular weight	58.33
Color	white amorphous powder or colorless hexagonal crystal
Solubility	soln. of ammonium salts and dilute acids