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Typical Product Specifications & Properties

Magnesium Hydroxide GILUMAG D213

CAS Number: : 1309-42-8

| Specifications | Limits |
|----------------------------|--------------------------------------|
| Density | 2.36 |
| Assay | 95-100.5 % Mg (OH) ₂ |
| Loss on Drying (105°C/ 2h) | max. 2.0% |
| pH | Approx. 10 |
| As | max. 3 ppm |
| Ph - stat test | min. 290 ml/ 310 ml/ 320 ml 0.1 nHCl |
| Cl | max. 0.1% |
| SO ₄ | max. .05% |
| Bulk Density, tapped | 0.8-1.0 g/ml |
| Heavy Metals | max. 30 ppm |
| Rosett - Rice titration | min. 35 minutes |
| Na | max. 0.05% |



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| Specifications | Limits |
|---------------------------------|---|
| Bulk density, loose | 0.65-0.75 g/ml |
| Acid Neutralizing Capacity, USP | min. 30 meq/ g |
| 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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Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.