

DESCRIPTION	Versamag magnesium hydroxide is a high purity product precipitated from magnesium-rich brine and dolomitic lime. Available as a fine white powder, Versamag is produced under tightly controlled conditions for consistent high quality.		
USES	Versamag magnesium hydroxide is used in a wide variety of applications including: <ul style="list-style-type: none"> · production of magnesium salts, ceramics, and specialty applications · plastics, as a flame retardant and smoke suppressant · elastomers, as an acid scavenger · acid neutralization 		
COMPOSITION (DRY BASIS)		Typical	Specification
	Magnesium Hydroxide (Mg(OH) ₂), %	98.7	98.0 min.
	Magnesium Oxide (MgO), % (equivalent)	68.2	67.7 min.
	Calcium Oxide (CaO), %	0.61	0.70 max.
	Silicon Oxide (SiO ₂), %	0.20	0.35 max.
	Iron Oxide (Fe ₂ O ₃), %	0.10	0.20 max.
	Aluminum Oxide (Al ₂ O ₃), %	0.06	0.15 max.
	Chloride (Cl), %	0.30	0.35 max.
	Sulfate (SO ₃), %	0.01	0.25 max.
	Loss on Ignition, %	31	30.0 min. / 33.0 max.
	Free Moisture, %	0.36	2.0 max.
PHYSICAL PROPERTIES		Typical	Specification
	Surface Area Range, m ² /g	12.7	7 – 18
	% Passing 325 mesh	99.9	99.5 min.
	Median Particle Size, microns	1.1	0.8 – 2.0
	Loose Bulk Density, g/ml	0.50	
PACKAGING	Martin Marietta Magnesia Specialties offers a variety of packaging options, including bags, and bulk sacks. Please contact a sales representative for information on available packaging options.		
STORAGE	Store in dry place. Exposure to moisture may cause caking.		

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