



FloMag® HP & HP-ER Magnesium Oxides for Water Treatment

DESCRIPTION	FloMag HP and FloMag HP-ER are reactive grades of magnesium oxide powders specifically designed for use in potable water treatment. Both FloMag HP & HP-ER are Certified by NSF to conform to the requirements of NSF Standard 60 for Drinking Water Chemicals – Health Effects under the Categories of pH Adjustment and Coagulation & Flocculation.			
USES	FloMag HP & HP-ER are designed for pH Adjustment in potable and non-potable water treatment systems.			
USAGE LEVEL	Maximum usage level is 100 mg/l in potable water treatment.			
CHEMICAL AND PHYSICAL PROPERTIES		Typical		Specification
	Magnesium Oxide (MgO), % ignited basis	98.0		97.0 min
	Loose Bulk Density, lb/ft ³	24 - 26		
	Median Particle Size, microns	3 – 4.5		
		FloMag® HP		FloMag® HP-ER
		Typical	Specification	Typical Specification
	Surface Area, m ² /g	36		60
	Activity Index, Seconds	12.3	10.1 - 16	7.8 7 - 11
	% Passing 325 mesh	99.8	95.0 max.	99.7 99.0 min.
	Loss on Ignition, %	1.6	3.0 max.	2.2 5.0 max.
PACKAGING	Martin Marietta Magnesia Specialties offers a variety of packaging options, including bulk (truck and railcar), bags, and bulk sacks. Please contact a sales representative for information on available packaging options.			
STORAGE	Store in a dry place. Exposure to moisture may cause caking.			

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Certified to
ANSI/NSF 60



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