



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	18 - 24			
	Median Particle Size, microns	3 - 8			
		FloMag® HP		FloMag® HP-ER	
		Typical	Specification	Typical	Specification
	Surface Area, m ² /g	28 - 35		40 min.	
	Activity Index, Seconds	13	16 max.	8	11 max.
	% Passing 325 mesh	99	95 max.	99	99 min.
	Loss on Ignition, %	2.0		3.0	
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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Martin Marietta Magnesia Specialties, LLC

8140 Corporate Drive, Suite 220
Baltimore, Maryland 21236 USA
Phone: (800) 648-7400 or (410) 780-5500
Fax: (410) 780-5777
Email: MagChem@martinmarietta.com
www.magnesiaspecialties.com

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Certified to
ANSI/NSF 60



QUALITY SYSTEM
ISO 9001 CERTIFIED