



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

<b>DESCRIPTION</b>	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 Category of pH Adjustment.				
<b>USES</b>	FloMag HP & HP-ER are designed for pH Adjustment in potable and non-potable water treatment systems.				
<b>USAGE LEVEL</b>	Maximum usage level is 100 mg/l in potable water treatment.				
<b>CHEMICAL AND PHYSICAL PROPERTIES</b>		<b>Typical</b>		<b>Specification</b>	
	Magnesium Oxide (MgO), % ignited basis	98.4		97.0 min	
	Loose Bulk Density, lb/ft <sup>3</sup>	24 - 26			
	Median Particle Size, microns	3 – 4.5			
		<b>FloMag® HP</b>		<b>FloMag® HP-ER</b>	
		<b>Typical</b>	<b>Specification</b>	<b>Typical</b>	<b>Specification</b>
	Surface Area, m <sup>2</sup> /g	36		60	
	Activity Index, Seconds	12.0	10.1 - 16	8.0	7 - 11
	% Passing 325 mesh	99.9	95.0 max.	99.9	99.0 min.
	Loss on Ignition, %	1.6	3.0 max.	2.3	5.0 max.
<b>PACKAGING</b>	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.				
<b>STORAGE</b>	Store in a dry place. Exposure to moisture may cause caking.				

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