



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

DESCRIPTION	FloMag [®] HP and FloMag [®] HP-ER are reactive grades of magnesium oxide powder processed from magnesium-rich brine specifically designed for water treatment applications.				
USES	FloMag HP and FloMag HP-ER are recommended for acid neutralization, precipitation of heavy metals and the stabilization of heavy metals in sludge. Both products can be added directly to the water or sludge as a powder or as a slurry after hydration. (See hydration procedures technical bulletin.) In treatment systems with very short retention times, less than 10 minutes, FloMag HP-ER is recommended.				
CHEMICAL PROPERTIES		Typical	Specification		
	Magnesium Oxide, MgO, % (Ignited Basis)	98.0	97.0 min.		
	Bulk Density, Loose, lb/ft ³	22	18 - 24		
	Mean Particle Size, microns	5	3 - 8		
	Loss on Ignition, %	2.0	3.0 max.		
		FloMag[®] HP		FloMag[®] HP-ER	
		Typical	Specification	Typical	Specification
	Surface Area, m ² /gram	30	28 - 35	50	40 min.
	Activity Index, seconds	23	16 max.	8	11 max.
	Screen Size, % passing -325 mesh, wet	99	95 min.	99	99 min.
PACKAGING	Available in bulk carload or truckload quantities, 50-lb polyethylene-lined, multi-walled bags and 1000-2000-lb bulk sacks.				
STORAGE	Store in dry place. Exposure to moisture may cause caking.				

NOTICE

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