



FloMag® H PWT Magnesium Hydroxide Slurry for Water Treatment

DESCRIPTION	FloMag H PWT, manufactured in Manistee, MI, is a concentrated, stabilized aqueous suspension of magnesium hydroxide with excellent flow and storage properties.		
USES	The National Sanitation Foundation (NSF) has certified that FloMag H PWT conforms to the requirement of NSF Standard 60 for Drinking Water Chemicals - Health Effects, pH Adjustment Category, but only for applications where water will be further disinfected.		
USAGE LEVEL	Maximum usage level is 150 mg/l in potable water treatment.		
CHEMICAL AND PHYSICAL PROPERTIES	<u>Aqueous Suspension</u>	<u>Typical</u>	<u>Specification</u>
	Dry Solids, %	61.0	58.5 min.
	Bulk Density, lb/gal	12.8	12.6 min.
	Mg(OH) ₂ , Contained, lb/gal	7.7	---
	Viscosity, (Brookfield VT, 100 rpm), cps	207	70 - 600
	Freeze Point, °C	0	
	<u>Dry Solids Basis</u>		
	Mg(OH) ₂ %	98.7	98.5 min.
	CaO, %	0.6	---
	Median Particle Size, microns	2.4	---
% Passing 325 mesh	99.	99.0 min.	
EQUIVALENTS	<u>(Dry Solids Basis)</u>		
	Caustic Soda (NaOH)	=	1 lb Equivalent to 0.73 lb Mg(OH) ₂
	Soda Ash (Na ₂ CO ₃)	=	1 lb Equivalent to 0.55 lb Mg(OH) ₂
	Lime (CaO), (Typical 94%)	=	1 lb Equivalent to 0.98 lb Mg(OH) ₂
	Hydrated Lime (Ca(OH) ₂)	=	1 lb Equivalent to 0.79 lb Mg(OH) ₂
PACKAGING	Martin Marietta Magnesia Specialties offers its magnesium hydroxide slurry products in bulk shipments (railcar and truck) only.		
STORAGE	Mild steel vessels. Extended storage requires intermittent agitation and freeze protection.		

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Certified to
ANSI/NSF 60



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