



Magnesium Oxide PRODUCT DATA SHEET

Description:

CqMag HP and CqMag HP-ER are reactive grades of magnesium oxide powders specifically designed for use in potable water treatment. Both CqMag 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:

CqMag 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			
	CqMag HP		CqMag 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 max.
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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