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Product Data

MAGOX®

Air Krete®

MAGOX® Air Krete is a synthetic, reactive technical grade of finely sized, high purity magnesium oxide produced from deep-well brine. It is designed for use in the production of lightweight Sorel cement insulation.

Chemical Analysis by X-ray Fluorescence			
	Typical	Maximum	Minimum
(As-is basis)			
Loss on ignition (1000°C), %	3.00	5.0	
Chloride (Cl), %	0.30		
Sulfate (SO ₃), %	0.05		
(Loss-Free Basis)			
MgO, %	98.20		97.00
CaO, %	0.80		
SiO ₂ , %	0.35		
Fe ₂ O ₃ , %	0.15		
Al ₂ O ₃ , %	0.10		
Physical Properties			
Specific surface area (m ² /g) B.E.T. nitrogen adsorption	65		
Mean particle size (microns) X-ray sedigraph	5		
Caustic Magnesia Activity (secs) (Acetic Acid)	8	9	6
Loose bulk density, lb/ft ³ (g/cm ³)	22 (0.38)		
Tapped bulk density, lb/ft ³ (g/cm ³)	32 (0.51)		
Screen analysis, % (U.S. sieve series)			
- 100 mesh			99.9
- 325 mesh	99.5		99.0

PACKAGING AND STORAGE:

Available bulk and in 25 kg net weight multiwall paper bags. Forty bags to a pallet which are double stretch-wrapped for extra protection. Material should be consumed within six months. If the contents of a bag are not entirely used after opening, the bag should be immediately resealed. Also available in 1000 kg bulk bags.

MC-FPS-870

MAS: 2/2/06

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