

Reagent for the glass industry - CrystalMag®

Description	A fine white powder of magnesium hydroxide. Produced from selectively mined natural magnesium hydroxide (ground brucite), by milling and classifying.	
Application	Used in glass manufacturing for making of glass mixtures of charge, in the manufacturing of glass fiber, flat glass, glass containers, glassware and technical-grade glasses. Effectively used in the production of LCD panels.	
Chemical and Physical properties	Indicator	Content
	MgO/Mg(OH) ₂ %	60,0/87,0 min.
	CaO, %	3,0 max.
	SiO ₂ , %	3,0 max.
	Fe ₂ O ₃ , %	0,15 max.
	Loose Bulk Density, kg/m ³	700 min.
	Humidity, %	1,0 max.
	Particle Size Distribution, % > 300 microns	10,0 max.
Product appearance	White, fine, homogeneous powder	
Storage:	The shelf life is 5 years from date of manufacturing, while maintaining the tightness of packing	
Packing:	in bulk, in polypropylene bags (20 and 40 kg), big bags	
Security:	refers to low-hazard substances; fire- and explosion-proof, non-toxic	
Transportation:	transported by all modes of transport in accordance with the rules of transportation of goods that operates in this mode of transport	

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