

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.

Properties

Parameter	Content
MgO/Mg(OH) ₂ , %, min.	60.0/87.0 min.
CaO, %, max.	3.0 max.
SiO ₂ , %, max.	3.0 max.
Fe ₂ O ₃ , %, max.	0.15
Loose Bulk density, kg/m ³ , min.	700 min.
Humidity, %, max.	1.0 max.
Particle Size Distribution, %: >300 micrones	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

Packaging

In bulk, in polypropylene bags (20 and 40 kg), big bags

Safety

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