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Product Data Sheet

Magnesium Oxide grade GW150

Specialty Grade Magnesium Oxide (high surface area)

DESCRIPTION Magnesium Oxide grade GW150 is a low cost, micronized, highly reactive grade of magnesium oxide produced from magnesium chloride brine and dolomitic lime.

USES Magnesium Oxide grade GW150 is used as a scorch retarder in a variety of elastomers and adhesives, as a thickening agent in sheet and bulk molding compounds, and an acceptor in halogenated polymers and can be used in the manufacture of magnesium chemicals.

COMPOSITION	Typical	Specification
Magnesium Oxide (MgO) %	98.5	97.00 min.
Calcium Oxide (CaO) %	0.85	1.0 max.
Silica (SiO ₂) %	0.32	0.50 max.
Iron Oxide (Fe ₂ O ₃) %	0.12	0.30 max.
Aluminium Oxide (Al ₂ O ₃) %	0.10	0.20 max.
Loss on Ignition %	7.50	10.0 max.

PHYSICAL PROPERTIES		
Surface Area, m ² /g	150	130-170
% Passing 100 mesh	99.9	99.9 min.
% Passing 325 mesh	99.5	99.0 min.
Median Particle Size, microns	4.5	
Bulk Density, loose, g/cm ³	0.45	

PACKAGING Available in 25kg multi-walled paper bags and Big Bags on shrink wrapped pallets.

STORAGE Store in dry place. Reseal opened bags.

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