

Technical Data Sheet

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Item Name:

MgO

PRODUCT INFORMATION

Chinese Name:	氧化镁
Commodity Name:	Magnesium Oxide
Chemical Name:	Magnesium Oxide
Other Name:	Akro-Mag, Animag
CAS No.:	1309-48-4
Molecular Weight:	40.3
Molecular Formula:	MgO

PRODUCT DESCRIPTION

White or light yellow solid under normal temperature.

Magnesium oxide is one of the important raw materials, which is widely used in different industries.

It can be classified as industrial grade and food grade, according to different purposes.

TECHNICAL SPECIFICATION

Index	Industrial Grade 90%	Industrial Grade 85%
MgO by wt %	90.00 min	85.00 min
CaO by wt %	2.00 max	5.00 max
Fe ³⁺ (Fe ₂ O ₃) by wt %	0.50 max	1.00 max
Al ₂ O ₃ by wt %	0.50 max	1.00 max
SiO ₂ by wt %	-	10.00 max
Passing on 200 mesh by wt %	90.00 min	90.00 min
Loss on ignition by wt %	6.00 max	13.00 max
Acid insoluble matter by wt %	2.00 max	-

MAIN APPLICATION

Mainly used for advanced lubricant, advanced tanning basifying grade, food grade, pharmaceutical, silicon steel, high electromagnetic field.

Food grade magnesium oxide is used as food additive, color stabilizing agent, food supplement and etc.

PACKING, LOADING AND SHELF LIFE

Packing: 50/1000/1250kg PP bag with PE liner

Loading: 27mt/20'fcl for 50kg bags only, 25mt/20'fcl for 1000/1250kg bags only

Shelf Life: Closed, cool, dry place for storage

DISCLAIMER

The information provided in this data sheet is for informational purposes only and is not considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.