

Technical Data Sheet

Product Name: JC Mg(OH)₂

Chemical Composition: Magnesium Hydroxide.

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	White/off white powder
2	Magnesium Hydroxide	%	≥ 90.0
3	Bulk density	≤ g/ml	0.25 - 0.35
4	LOI	%	≥ 29.0
5	CaO	%	2.0 Max
6	Fe ₂ O ₃	%	≤ 0.30
7	D50	μm	≤ 3.5
8	Acid insoluble	%	≤ 3.00
9	SiO ₂	%	3.0 max
10	Whiteness	%	90 min
11	Coated	%	stearic acid

*The magnesium hydroxide content is measured before stearic acid coating.

Advantage:

Active fine product.

Standard Packing: 25 kg in HDPE liner bag.

Shelf life: 5 year from D.O.M.

Storage: Store in cool and dry atmosphere.

Mode of Action: JC Mg (OH)₂ MDH widely used in PE, PP, PVC, ABS, PS, HIPS, PA, Low-smoke halogen-free cables, heat shrinkable tubing, and flame-retardant rubber and plastic elastomers.

Flame retardant filler for unsaturated polyester, epoxy resin, rubber, paint, chemical industry, environmental protection and other industrial fields; excellent flame retardant and smoke Suppressant for plastics, rubber and other polymer materials.

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