

Technical Data Sheet

Product Name: JC MAG

Chemical Composition: Magnesium Oxide.

Sr. No.	Properties	Unit	Specifications
1	Appearance	-	White Powder
2	Bulk Density	%	≤ 0.5
3	Mass fraction of magnesium oxide	%	≥ 98
4	Mass fraction of calcium oxide (CaO)	%	≤ 0.8
5	Mass fraction of silicon dioxide (SiO ₂)	%	≤ 0.1
6	Mass fraction of Potassium & Sodium	%	≤ 0.1
5	Mass fraction of iron as Fe ₂ O ₃	%	≤ 0.1
7	Mass fraction of aluminum oxide Al ₂ O ₃	%	≤ 0.1
8	Mass fraction of sulfates SO ₄	%	≤ 0.5
9	Loss on ignition (900 °C)	%	≤ 7.0
10	Particle size: sieve residue with screen 325 mesh	%	≤ 1.5
11	Acid Insoluble	%	≤ 0.05
12	Surface area (BET)	m ² /g	Min 140

Advantage:

Curing agent
 Good filler
 Acid scavenger
 Anti-caking additive

Standard Packing: 25kg Bag

Shelf life: 2 years from D.O.M

Storage: Store in cool and dry place,
 strictly avoid moisture

Mode of Action: Magnesium Oxide is an effective scorch retardant and acts as an acid scavenger, curing agent and heat stabilizer in halogenated polymers.

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Jayam Chemicals LLP

Plot no. 31/A, Part A, Opp. Baumer Industries,
 1st phase, GIDC Vapi-396195,
 GSTIN/UIN: 24AAGFJ3239G1ZK
 Phone: 0260- 2425399
 Email: info@jayamchemicals.com
<https://www.jayamchemicals.com/>