

MAGNESIUM CARBONATE : Basic Light & Heavy - Pharmaceutical Grade / IP Grade / Technical Grade

Magnesium Carbonate Heavy Basic

Pharmaceutical Grade

Product Specifications

APPEARANCE	:	white coarse powder
CHEMICAL FORMULA	:	MgCO ₃ -Mg (OH) ₂ - 4H ₂ O
COLOUR	:	White
TASTE	:	Tasteless
ODOUR	:	Odourless
BULK DENSITY LOOSE	:	0.55 ± 0.1
BULK DENSITY PACK	:	0.65 ± 0.1
SULPHATES	:	Trace amt.
CHLORIDE %	:	0.095 ± 0.02
HEAVY METALS IMPURITIES (As-Co-Ni-Zn)	:	Nil
IRON as Fe %	:	0.03 ± 0.01
Pb %	:	0.05 ± 0.01
CALCIUM AS CaO %	:	0.3 ± 0.1
SOLUBILITY	:	Insoluble in water, soluble in dil acids with Effervescence and insoluble in Alcohol
HYGROSCOPIC MOISTURE	:	2% ± 1%
CO ₂ , % (LOSS ON IGNITION)	:	52 ± 2.0
MgO %	:	42 ± 2.0
PACKING	:	Laminated HDPE Bag with LDPE Liner
BAG SIZE	:	12" x 20"
NET WT.	:	30 Kgs When Packed

“SHREE IS ALWAYS FOR QUALITY CONSIIOUS PEOPLE”

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Magnesium Carbonate Light Basic

EQUIVALENT IP GRADE

Product Specifications

APPEARANCE	:	White, Amorphous Fine Power
CHEMICAL FORMULA	:	MgCO ₃ (Tri Hydrate)

NATURE	:	Alkaline Inorganic Chemical
COLOUR	:	White
TASTE	:	Tasteless
ODOUR	:	Odourless
PH	:	9.0 +- 0.5
BULK DENSITY LOOSE	:	0.07 +- ± 0.01 gm/cc
BULK DENSITY PACK	:	0.09 +- 0.01 gm/cc
SULPHATES	:	Trace amount.
CHLORIDE	:	700 PPM +- 100 PPM
HEAVY METALS IMPURITIES (As-Pb-Ni-Zn)	:	Nil
CALCIUM	:	Trace amount.
SOLUBILITY	:	Insoluble in water, soluble in dil acids with Effervescence and insoluble in Alcohol
HYGROSCOPIC MOISTURE	:	2% ± 0.5%
CO ₂ , %	:	34 – 36.3
MgO %	:	40 – 45 %
RESIDUE ON IGNITION	:	42 To 45 %
PACKING	:	Laminated HDPE Bag with LDPE Liner
BAG SIZE	:	29” x 51”
NET WT.	:	15 Kgs When Packed

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Magnesium Carbonate Light Basic
Technical Grade
Product Specifications

APPEARANCE	:	white amorphous fine powder
CHEMICAL FORMULA	:	MgCO ₃ .3H ₂ O stable form
COLOUR	:	White
TASTE	:	Tasteless
ODOUR	:	Odourless
BULK DENSITY PACK	:	0.1 +- 0.02 gm/cc.
CHLORIDE %	:	0.49 +- 0.1
HEAVY METALS IMPURITIES (As-Co-Ni-Zn)	:	Nil
IRON as Fe %	:	0.02 +- 0.01
Pb %	:	0.049 +- 0.01
CALCIUM as CaO %	:	0.45 +- 0.1
SOLUBILITY	:	Insoluble in water, soluble in dil

		acids with Effervescence and insoluble in Alcohol
HYGROSCOPIC MOISTURE	:	2% +- 1%
CO ₂ , % (LOSS ON IGNITION)	:	51.0 +- 2.0
MgO %	:	42+- 2.0
PACKING	:	Laminated HDPE Bag with
		LDPE
		Liner
BAG SIZE	:	29" x 52"
NET WT.	:	20 Kgs When Packed

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Magnesium Carbonate Heavy Basic
Technical Grade
Product Specifications

APPEARANCE	:	white coarse powder
CHEMICAL FORMULA	:	MgCO ₃ -Mg (OH) ₂ - 4H ₂ O
COLOUR	:	White
TASTE	:	Tasteless
ODOUR	:	Odourless
BULK DENSITY LOOSE	:	0.55 ± 0.1
BULK DENSITY PACK	:	0.65 ± 0.1
SULPHATES	:	Trace amt.
CHLORIDE %	:	0.49 ± 0.1
HEAVY METALS IMPURITIES (As-Co-Ni-Zn)	:	Nil
IRON as Fe %	:	0.03 ± 0.01
Pb %	:	0.05 ± 0.01
CALCIUM AS CaO %	:	0.35 ± 0.1
SOLUBILITY	:	Insoluble in water, soluble in dil acids with Effervescence and insoluble in Alcohol
HYGROSCOPIC MOISTURE	:	2% ± 1%
CO ₂ , % (LOSS ON IGNITION)	:	51 ± 2.0
MgO %	:	42 ± 2.0
PACKING	:	Laminated HDPE Bag with LDPE Liner
BAG SIZE	:	14" x 20"
NET WT.	:	30 Kgs When Packed