

MAGNESIUM CARBONATE - COMMERCIAL USE

(CAS: 546-93-0)

Nature	:	Basic
Appearance	:	White, Very Fine Powder
Taste	:	Tasteless
Odour	:	Odourless
pH	:	10.0 ± 0.5
Bulk Density (Loose)	:	0.08 gm/cm ³
Bulk Density (Packed)	:	0.10 gm/cm ³
Chloride	:	0.14 ± 0.01% w/w
Sulphate	:	Max. 0.20 % w/w
Iron (as Fe)	:	Max. 50 ppm
Calcium	:	0.50 ± 0.05 % w/w
Heavy Metals	:	Max. 10 ppm
Solubility	:	Insol. in water; 5% soln. in dil. HCl clear
Particle Size	:	275–300 Mesh (50 µm)
MgO Assay	:	41 ± 1 % w/w
Moisture	:	Max. 2.0 % w/w

LIGHT MAGNESIUM CARBONATE - CERAMIC GRADE
(CAS: 546-93-0)

Nature	:	Basic
Appearance	:	White, Very Fine Powder
Taste	:	Tasteless
Odour	:	Odourless
pH	:	10.0 ± 0.5
Bulk Density (Loose)	:	0.09 gm/cm ³
Bulk Density (Packed)	:	0.15 gm/cm ³
Chloride	:	0.15 ± 0.05 % w/w
Sulphate	:	Max. 0.30 % w/w
Iron (as Fe)	:	Max. 100 ppm
Calcium	:	0.75 ± 0.05 % w/w
Heavy Metals Impurities	:	Max. 20 ppm
Solubility	:	Insol. in water; 5% soln. in dil. HCl clear
Particle Size	:	275-300 Mesh (50 µm)
MgO Assay	:	40 ± 1 % w/w
Moisture	:	Max. 3.0 % w/w

HEAVY MAGNESIUM CARBONATE - COMMERCIAL USE

(CAS: 546-93-0)

Nature	:	Basic
Appearance	:	White, Very Fine Powder
Taste	:	Tasteless
Odour	:	Odourless
pH	:	10.0 ± 0.5
Bulk Density (Loose)	:	0.20 gm/cm ³
Bulk Density (Packed)	:	0.46 gm/cm ³
Chloride	:	0.50 ± 0.02 % w/w
Sulphate	:	Max. 0.30 % w/w
Iron (as Fe)	:	Max. 50 ppm
Calcium	:	0.55 ± 0.05 % w/w
Heavy Metals	:	Max. 10 ppm
Solubility	:	Insol. in water; 5% soln. in dil. HCl clear
Particle Size	:	275–300 Mesh (50 µm)
MgO Assay	:	41 ± 1 % w/w
Moisture	:	Max. 2.0 % w/w