

M1390NN	Gold Line	M1391NN	Platinum Line	M1392NN	Gold Line
light		light		heavy	
Typical analysis		Warranty certificate		Typical analysis	
Assay	98%	Assay (Complexometric)	min 99%	Assay (Complexometric)	98%
Chloride (Cl)	0.5%	Arsenic (As)	0.0004%	Arsenic (As)	0.0004%
Iron (Fe)	0.1%	Chloride (Cl)	0.25%	Calcium (Ca)	1.1%
Loss on ignition	5%	HCl - insoluble matter	0.01%	Chloride (Cl)	0.1%
Sulphate (SO ₄)	1.2%	Iron (Fe)	0.01%	HCl-insoluble matter	0.1%
		Lead (Pb)	0.002%	Iron (Fe)	0.05%
		Loss on ignition	<3%	Lead (Pb)	0.002%
		Water-insoluble matter	0.5%	Loss on ignition	<8%
				Sulphate (SO ₄)	1.5%
Packaging		Packaging		Packaging	
500g white plastic jar		500g white plastic jar		500g white plastic jar	

Physical properties, composition and data

Chemical formula	MgO
Synonym	Calcined magnesium; Magnesia; Magnesia usta
Chemical group	Oxides
Occurrence in nature	In the Earth's crust in the mineral preiclase
Atomic weight	40.30
Appearance	White, fine powder
Solubility	Soluble in dilute acids
Melting point	2800°C
Boiling point	3600°C
Density (g/ml)	3.58
pH (aqueous solution)	10.3
Other information	Takes up carbon dioxide and water from the air

Laboratory preparation, applications and practices

Laboratory preparation	From magnesite ores
Usage	Analytical reagent

Storage and handling information

Storage	Store separated from strong acids
Disposal methods	3

Transport regulations

Tariff code	2519.90.10
ECB number	215-171-9

