

Magnesium fertilizer — AgroMag[®] granular

Description

AgroMag[®] granular is new ecological magnesium fertilizer. These are granules from light grey to brown without extraneous impurities, odorless, obtained from natural magnesium hydroxide (milled brucite) by drying, grinding, classification and granulation.

Application

AgroMag[®] granular is used as magnesium based fertilizer and ameliorant for soils.

	Parameter	Specification	Typical
Properties	Mg/MgO %	37.0/61.4	37.8/63.0
	CaO, %, max	2.9	2.6
	SiO ₂ , %, max	2.9	1.6
	Fe ₂ O ₃ , %, max	0.30	0.15
	Loss on ignition, %	31	30–32
	Loose Bulk Density, kg/m ³	1100	1150
	Humidity, %, max.	1	1
	Product appearance	granules from light grey to brown	
	Mass fraction of granules in size,%:		
	• 1–4 mm	90	
	• 2–4 mm	80	
Static granule strength	2.5 MPa min	3.0 MPa	

Storage The shelf life is 24 months in accordance with conditions of transportation and storage.

Packing In small bags (20, 40 kg), big-bags (1000, 1173 kg).

Safety Refers to low-hazard substances; fire- and explosion-proof, non-toxic.

Transportation Transported by all modes of transport in accordance with the rules of transportation of goods that operate in this mode of transport.