

High active magnesium oxide MagPro® 150

Description

MagPro® 150 is a high active micronized magnesium oxide produced from one of the purest brucite deposits in the world. The product has a very low level of chlorides and other volatiles, which does prevent any corrosion problems.

Application

MagPro® 150 is an effective scorch retardant and acts as an acid scavenger, curing agent and heat stabilizer in halogenated polymers. It's used in the manufacturing of rubber technical products, pneumatic tires and rubber cables. It is also a thickening agent in SMC and BMC.

	Parameter	Specification	Typical
Properties	Loss on ignition (950 °C), %	6.0-9.0	7.0
	Loss free basis		
	MgO, %, min.	92.8	95.0
	CaO, %, max.	3.0	2.6
	SiO ₂ , %, max.	1.8	1.6
	Fe ₂ O ₃ , %, max.	0.17	0.14
	Cl ⁻ , %, max.	0.01	0.001
	SO ₄ ²⁻ , %, max.	0.02	0.001
	Bulk density, g/cm ³ , min.	0.35	0.45
	Specific surface area, m ² /g, min.	130	150
	Median particle size D50, microns	7.0-9.0	8.0
	Sieve residue 45 microns, %, max.	0.1	0.05
Sieve residue 140 microns, %, max.	0	0	

Storage

Store product in a dry place. Shelf life is 12 months. Bag must be kept re-sealed if the content was not used entirely. Exposure to moisture will reduce the activity significantly

Packing

Product is available in 20 kg FFS PE bags (840 kg per pallet), 1 kg pre-weighted EVA low melt (75°C) bags (500 kg per pallet) and 1 ton big-bags. Pallets are stretch-wrapped to keep product protected

Safety

Non-hazardous; 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