



High active magnesium oxide MagPro® 170

Description

MagPro® 170 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® 170 is an effective scorch retardant and acts as an acid scavenger, curing agent and heat stabilizer in (halogenated) polymers. It is also a thickening agent in SMC and BMC.

	Specification	Typical	
Properties	Loss on ignition (950 °C), %	7.0-11.0	8.0
	Loss free basis		
	MgO, %, min.	92.8	94.0
	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.	160	170
	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		
Packaging	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 operates in this mode of transport		