



High active magnesium oxide MagPro® 140

Description

MagPro® 140 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® 140 is an effective scorch retardant and acts as an acid scavenger and curing agent in (halogenated) polymers. It is also a thickening agent in BMC and SMC.

	Specification	Typical	
Properties	Loss on ignition (950 °C), %	6.0-9.0	7.0
	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.	120	140
	Median particle size D50, microns	7.0-9.0	8.0
	Sieve residue 45 microns, %, max.	0.1	0.05
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 net weight FFS PE 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		