



## 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 is also a thickening agent in SMC and BMC.

### Properties

	Specification	Typical
Loss on ignition (950 °C), %	6.0-9.0	7.0
<b>Loss free basis</b>		
MgO, %, min.	92.8	94.0
CaO, %, max.	3.0	2.6
SiO <sub>2</sub> , %, max.	1.8	1.6
Fe <sub>2</sub> O <sub>3</sub> , %, max.	0.17	0.14
Cl <sup>-</sup> , %, max.	0.01	0.001
SO <sub>4</sub> <sup>2-</sup> , %, max.	0.02	0.001
Bulk density, g/cm <sup>3</sup> , min.	0.35	0.45
Specific surface area, m <sup>2</sup> /g, min.	<b>130</b>	<b>150</b>
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 (1000 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