



## MagPro® 140, highly active magnesium oxide

<b>Description</b>	MagPro® 140 is a highly reactive micronized magnesium oxide produced from one of the purest brucite deposits in the world. The product has a very low level of chloride and other volatiles, which does prevent any corrosion problems.		
<b>Application</b>	MagPro® 140 is an effective scorch retardant and acts as an acid scavenger and curing agent in (halogenated) polymers. It is also thickening agent in BMC and SMC.		
<b>Chemical and physical properties</b>	<b>Parameter (loss free base)</b>	<b>Specification</b>	<b>Typical</b>
	Loss on ignition (950 °C), %	6,0-9,0	7,0
	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.	120	140
	Average particles size D <sub>50</sub> , microns	7,0-9,0	8,0
	*Sieve residue 45 microns, %, max.	0,1	0,05
	*- is determined once in 6 months		
<b>Storage</b>	Store product in a dry place. Shelf-life is 12 months. Bag must be kept resealed if the content was not used entirely.		
<b>Packaging</b>	Product is available in 20, 25 kg net weight paper bags with laminated walls and two/four loops 1000 kg big bags with bottom discharge. Pallets are stretch-wrapped to keep product protected.		
<b>Safety</b>	Refers to low-hazard substances; fire- and explosion-proof, non-toxic		
<b>Transportation</b>	Transported by all modes of transport in accordance with the rules of transportation of goods that operates in this mode of transport.		

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