



MagPro[®] 140, highly active magnesium oxide

Description	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.																																				
Application	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.																																				
Chemical and physical properties	<table border="1"><thead><tr><th>Parameter (loss free base)</th><th>Specification</th><th>Typical</th></tr></thead><tbody><tr><td>Loss on ignition (950 °C), %</td><td>6,0-9,0</td><td>7,0</td></tr><tr><td>MgO, %, min.</td><td>92,8</td><td>94,0</td></tr><tr><td>CaO, %, max.</td><td>3,0</td><td>2,6</td></tr><tr><td>SiO₂, %, max.</td><td>1,8</td><td>1,6</td></tr><tr><td>Fe₂O₃, %, max.</td><td>0,17</td><td>0,14</td></tr><tr><td>*Cl⁻, %, max.</td><td>0,01</td><td>0,001</td></tr><tr><td>*SO₄²⁻, %, max.</td><td>0,02</td><td>0,001</td></tr><tr><td>Bulk density, g/cm³, min.</td><td>0,35</td><td>0,45</td></tr><tr><td>Specific surface area, m²/g, min.</td><td>120</td><td>140</td></tr><tr><td>Average particles size D₅₀, microns</td><td>7,0-9,0</td><td>8,0</td></tr><tr><td>*Sieve residue 45 microns, %, max.</td><td>0,1</td><td>0,05</td></tr></tbody></table> <p>*- is determined once in 6 months</p>	Parameter (loss free base)	Specification	Typical	Loss on ignition (950 °C), %	6,0-9,0	7,0	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	Average particles size D ₅₀ , microns	7,0-9,0	8,0	*Sieve residue 45 microns, %, max.	0,1	0,05
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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.																																				
Packaging	Product is available in 15 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.																																				
Safety	Refers to low-hazard substances; 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.																																				

115093, Russia, Moscow,
Pavlovskaya street 7/1
Tel. + 7 (495) 789 6530
info@magminerals.ru
www.magminerals.ru



R U S S I A N
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