



BleachMag®-P, fine magnesium hydroxide powder for pulp bleaching

Description	A fine white powder of magnesium hydroxide. Produced from selectively mined natural magnesium hydroxide, by milling and classifying.		
Application	The product is recommended for manufacturing of aqueous suspension which can be applied as an alkali source and as a cellulose protector in pulp bleaching systems		
Chemical and physical properties	Parameter	Specification	Typical
	Mg(OH) ₂ %, min.	92,8	94,0
	CaO, %, max.	2,5	2,1
	SiO ₂ , %, max.	1,5	1,2
	Fe ₂ O ₃ , %, max.	0,13	0,09
	*SO ₄ ²⁻ , %, max.	0,01	0,001
	*Cl-, %, max.	0,01	0,001
	*Cu, %, max.	0,001	0,0005
	*Mn, %, max.	0,01	0,0065
	Bulk density, kg/m ³ , min.	300	390
	Humidity, %, max.	0,5	0,3
	Median particle size D ₅₀ , microns:	5,0-6,0	5,5
	*- is determined once in 6 months		
Storage	The shelf life is limited by moisture pick-up during storage, which is 0.5% max. When stored in dry conditions and with the packaging intact the shelf life is min. 4 months and max. 12 months from the time of delivery. We recommend to check the moisture content before usage if the product is stored for more than 4 months. Opened bags should be resealed immediately.		
Packaging	Paper bags with polyethylene liner, big bags		
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		

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