



ECOPIREN

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Mineral flame retardant for polymers Ecopiren® 10

Description	A fine white powder of magnesium hydroxide. Produced from selectively mined natural magnesium hydroxide (ground brucite), by milling and classifying.	
Application	Used as flame retardant filler for polymeric materials for achieving of high oxygen index (LOI), and for ensuring of the absorption of smoke and toxic gases.	
Chemical and Physical properties	Indicator	Content
	MgO/Mg(OH) ₂ %	64,0/92,8 min.
	CaO, %	2,3 max.
	SiO ₂ , %	1,3 max.
	Fe ₂ O ₃ , %	0,13 max.
	Loose Bulk Density, kg/m ³	500 min.
	Humidity, %	0,5 max.
	Particle size distribution, µm:	
	D ₅₀	9-12
	D ₉₀	35-45
	Product appearance	White, fine, homogeneous powder
Storage:	The shelf life is 4 months from date of delivery to the customer's warehouse, when stored in dry place and while maintaining the tightness of packing. After bag is opened material should be used immediately or packed hermetically.	
Packing:	Paper bags with polyethylene liner, big bags	
Security	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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