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Product Data Sheet ⁽¹⁾

Calcined Bauxite / raw material

85 %

Chemical composition ^{(2) (3)}

MgO	0,12 %	Fe ₂ O ₃	1,94 %
Al ₂ O ₃	85,25 %	Cr ₂ O ₃	0,09 %
SiO ₂	7,82 %	P ₂ O ₅	0,34 %
TiO ₂	3,38 %	ZrO ₂	0,08 %
CaO	0,40 %	MnO	0,03 %
Na ₂ O	< 0,02 %	V ₂ O ₅	0,04 %
K ₂ O	0,23 %	HfO ₂	< 0,01 %

Physical properties

humidity (135°C)	< 0,5 %
LOI (1050°C)	0,03 %
bulk density	3,14 g/cm ³
apparent porosity	8,02 %
water absorption	2,55 %
apparent density	
pH value	

⁽¹⁾ average analysis of the raw material. Single analyses may differ due to variations in raw materials and the production

⁽²⁾ analysis method: X-ray fluorescence analysis (XFA)

⁽³⁾ sample ignited at 1050°C