

# CHINESE ROTARY BAUXITE

(Diasporic Bauxite calcined in rotary kiln)

<b>Chemical Analysis</b>		
%	Typical	Guaranteed
Al <sub>2</sub> O <sub>3</sub>	86.05	Min 85,0 Max 9 % Max 2,0
SiO <sub>2</sub>	8.25	
Fe <sub>2</sub> O <sub>3</sub>	1.56	
TiO <sub>2</sub>	3,24	—
CaO	0,30	—
MgO	0,12	—
Na <sub>2</sub> O	0,03	Max 0,25
K <sub>2</sub> O	0,13	

<b>Physical Properties</b>			
	Typical	Guaranteed	
Bulk Density	3,19	3,15	g/cm <sup>3</sup>
Absorption Capacity	1.89	—	%
Apparent Porosity	6	—	%

<b>Mineralogical Composition</b>	
Main Phase	α- alumina
Secondary Phase	Mullite

<b>Other Information</b>
<p>The Chinese Rotary Bauxita is a material coming from China, of diasporic origin calcined in rotary kilns, being the most homogeneously calcined bauxite and having a stable density.</p>