

BAUXITE RASC

Chemical Analysis (standard)			
%	typical		guaranteed
Al ₂ O ₃	89.94		Min 87
SiO ₂	5.36		
Fe ₂ O ₃	1.14		Max 1,75
TiO ₂	3.02		—
CaO	0.02		—
MgO	0.02		—
Na ₂ O	0.02		Max 0,25
K ₂ O	0.03		

Physical Properties			
	typical	guaranteed	
Bulk density	3,15	3,10	g/cm ³
Water absorption	3.74	—	%
Apparent porosity	12	—	%

Mineralogic Composition	
Main Phase	α - Alúmina
Secondary Phases	Mullite

Other information
RASC BAUXITE is a high alumina material with low percentages of iron and alkali. It is produced by mining high purity gibbsite ore which is beneficiated to reduce impurity levels and then calcined in a rotary kiln at high temperature.