

BauxSTAR90

Chemical Analysis			
%	Typical	Guaranteed	
Al ₂ O ₃	92.03	Min 90%	
SiO ₂	3.92	Max 5%	
Fe ₂ O ₃	0.45	Max 0.8%	
TiO ₂	3.36	Max 4%	
CaO	0.09	—	
MgO	0.15	—	
Na ₂ O	0.03	Max 0.20%	
K ₂ O	0.09		

Physical Properties			
	Typical	Guaranteed	
Bulk density	3.23	3.20	g/cm ³
Water absorption	4.50	—	%
Apparent Porosity	14.5	—	%

Mineralogical spec.	
Main Phase	α- alumina
Secondary Phase	Mullite

BauxSTAR90 is the highest quality bauxite from the Bonasika deposits in Guyana, calcined in Spain, with very low iron content and high density for the production of the best quality alumina bricks and concretes.

Calcination Temperature: Above 1.650° C