

BAUXSTAR^{AR} 85

Chemical Analysis (standard)		
%	typical	guaranteed
Al ₂ O ₃	85.62	Min 84
SiO ₂	10.54	
Fe ₂ O ₃	0.82	Max 1.2
TiO ₂	2.72	
CaO	< 0.1	
MgO	< 0.1	
Na ₂ O	< 0.03	
K ₂ O	< 0.1	

Physical Properties			
	typical		
Bulk density	3.04 - 3.14		g/cm ³
Water absorption	4.00		%
Apparent Porosity	12		%

Mineralogic Composition	
Main Phase	α - Alúmina
Secondary Phases	Mullite