

# BAUXST<sup>AR</sup> 86

<b>Chemical Analysis (standard)</b>		
%	typical	guaranteed
Al <sub>2</sub> O <sub>3</sub>	86.27	Min 85.5
SiO <sub>2</sub>	8.19	
Fe <sub>2</sub> O <sub>3</sub>	1.18	Max 1.80
TiO <sub>2</sub>	3.30	
CaO	0.26	
MgO	0.14	
Na <sub>2</sub> O	0.04	Max 0.30
K <sub>2</sub> O	0.11	

<b>Physical Properties</b>			
	typical	Guaranteed	
Bulk density	3.14	3.10	g/cm <sup>3</sup>
Water absorption	2.58	-	%
Apparent Porosity	8	-	%

<b>Mineralogic Composition</b>	
Main Phase	α - Alúmina
Secondary Phases	Mullite