

TECHNICAL DATA SHEET

Asfour Calcined Bauxite 500μ

PRODUCT

C.B 90012

Chemical Analysis:	%
Al_2O_3	89 – 92
SiO_2	4.0 – 7.0
TiO_2	2.5 – 3.5
Fe_2O_3	0.7 – 1.0
CaO	0.10 – 0.15
MgO	0.05 – 0.10
$K_2O + Na_2O$	0.10 – 0.15
Physical Analysis:	
Refractoriness,	≥ 1800 °C
<i>Grain Density</i>	3.25-3.30 g/cm ³
Apparent Porosity,	≤ 10 %
Crystallographic analysis	%
<i>Corundum</i>	75-80
<i>Mullite</i>	15-20
<i>Titanium Aluminate</i>	3-5

Grain Size:

> 500 μ = 5 % Max

Refractory Calcined Bauxite is used for making refractory bricks, refractory Castable, refractory mortar.... etc.