

## TECHNICAL DATA SHEET

### Asfour Calcined Bauxite

**PRODUCT**

**C.B 9001**

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,	$\geq 1800$ °C
<i>Grain Density</i>	3.25-3.30 g/cm <sup>3</sup>
Apparent Porosity,	$\leq 10$ %
Crystallographic analysis	%
<i>Corundum</i>	75-80
<i>Mullite</i>	15-20
<i>Titanium Aluminate</i>	3-5

*Grain size based on customer's request. Such as 0 -1 mm, 1- 3 mm, 3 – 5 mm ...etc.*

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