

TECHNICAL DATA SHEET

Asfour Calcined Bauxite 1 – 3 mm

PRODUCT

C.B 90015

Chemical Analysis:	%
<i>Al₂O₃</i>	89 – 92
<i>SiO₂</i>	4.0 – 7.0
<i>TiO₂</i>	2.5 – 3.5
<i>Fe₂O₃</i>	0.7 – 1.0
<i>CaO</i>	0.10 – 0.15
<i>MgO</i>	0.05 – 0.10
<i>K₂O + Na₂O</i>	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:

> 3mm = 10 % Max.

< 1 mm = 10 % Max.

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