

## RGB HD - REFRACTORY GRADE BAUXITE

High density calcined bauxite (Al<sub>2</sub>O<sub>3</sub>) for refractory

RGB is a low alkali, High Density product specially designed for refractory applications. The Round Kiln calcining process ensures a high specific gravity and low porosity. Applications include high alumina refractory bricks and castables for the iron & steel, cement, glass and oil industries.

### Typical Physical Properties

<b>Apparent Specific Gravity Solid Part</b>	g/cm <sup>3</sup>	3.5
<b>Apparent Porosity</b>	%	5.5
<b>Absorption</b>	%	1.6

### Typical Chemical Analysis by XRF (%)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	CaO	K <sub>2</sub> O	Na <sub>2</sub> O
84.5	8.7	3.8	2.2	0.4	0.15	0.08

The MSDS requests should be sent to [sds@grupocurimbaba.com.br](mailto:sds@grupocurimbaba.com.br).

### Sieve Analysis

	3/8	8/20	20 MF	200 MF
<b># 0.265"</b>	-	-	-	-
<b># 4</b>	6	-	-	-
<b># 6</b>	29	-	-	-
<b># 8</b>	46	-	-	-
<b># 10</b>	18	9	-	-
<b># 16</b>	-	-	-	-
<b># 18</b>	-	82	-	-
<b># 20</b>	-	8	10	-
<b># 30</b>	-	-	46	-
<b># 200</b>	-	-	-	1
<b># 325</b>	-	-	-	5
<b>Fines</b>	1	1	44	94