

## Calcined Chinese Buff Bauxite 1.0-3.0mm

Calcined Buff Bauxite is one of the hardest natural minerals after diamond.

### Chemical Analysis

|                                | %       |
|--------------------------------|---------|
| Al <sub>2</sub> O <sub>3</sub> | 75-88   |
| SiO <sub>2</sub>               | 6-18    |
| TiO <sub>2</sub>               | 2-3     |
| Fe <sub>2</sub> O <sub>3</sub> | 0.5-2.5 |
| MgO                            | 0-0.2   |
| P <sub>2</sub> O <sub>5</sub>  | 0-0.3   |
| K <sub>2</sub> O               | 0-0.4   |
| CaO                            | 0-0.4   |
| V <sub>2</sub> O <sub>5</sub>  | 0-0.5   |
| ZrO <sub>2</sub>               | 0-0.15  |
| Na <sub>2</sub> O              | 0-0.05  |

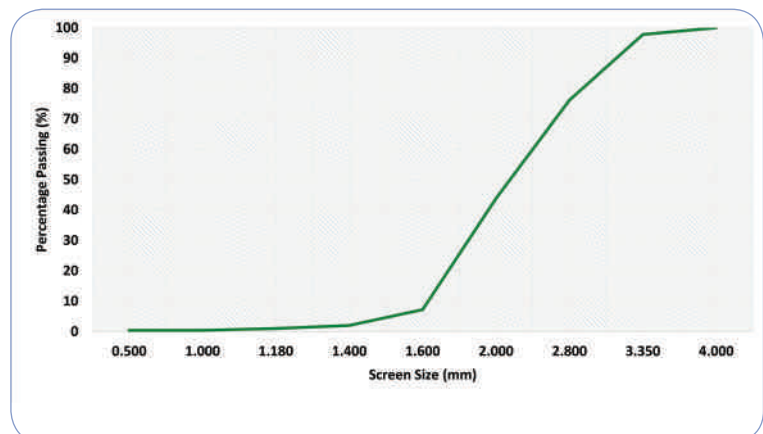
### Physical Data

|                                    |            |
|------------------------------------|------------|
| Particle Shape                     | Angular    |
| Colour                             | Buff       |
| Specific Gravity g/cm <sup>3</sup> | 3.70       |
| Bulk Density g/cm <sup>3</sup>     | 2.75-3.1   |
| Hardness (Mohs)                    | 9          |
| Moisture Content                   | 0.5-1.5%   |
| Polished Stone Value               | 70 minimum |
| Aggregate Abrasion Value           | 10 maximum |
| Loss on ignition                   | 0.1-0.5%   |

### Commodity Code

2606 000000

### Particle Size Distribution



### Packing

25 kilo bags on pallets of 1000 kilos and bulk bags

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All information is given in good faith but is indicative only and does not constitute a specification.

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