# Characteristics
Wet graphite refractory ramming mass based on high density bauxite and silicon carbide to be installed by ramming.

## Application
For lining siphons and crucibles in traditional cupola, were thermo-mechanical and chemical attacks of acid and neutral slag is required as process characteristic. Great resistance to oxidation.

## Maximum Service Temperature
1,600 ºC

## Grain Size Distribution
0 – 5 mm.

## Type of Bonding
Thermal – Ceramic.

## Typical Chemical Analysis *

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Al₂O₃</td>
<td>77.0 %</td>
</tr>
<tr>
<td>SiO₂</td>
<td>14.8%</td>
</tr>
<tr>
<td>P/C</td>
<td>14.3%</td>
</tr>
</tbody>
</table>

* On Calcined Sample

## Moisture Content
5.5 – 7.0 %

## Material Required (density)
2,300 Kg/m³

## Installation
Ram in 35 - 50 mm thick layers with pneumatic hammers (the head of the tool should be in good condition).

## Storage
In dry place, 6 months maximum.

## Packing
In 25 kg paper bags with inner plastic sheet over 1,000 kg-shrunk pallets.

## Drying and Heating
Follow sintering and drying instructions for each particular case. As a general rule: heat up to 150 - 200 ºC in 2 hours time. Hold for 6 hours minimum. Then, heat up to working temperature.

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This datasheet contains average values taken from manufacturing control tests made in laboratory following specific rules for each text. They do not settle neither specifications nor guarantees on products' characteristics. This product provides a limited responsibility; ask for details.