

## ALOCAL

Brown Fused Alumina ( $\text{Al}_2\text{O}_3$ ) for refractories

ALOCAL is a brown fused aluminum oxide obtained from the fusion of high quality bauxites in electric arc furnaces. It is heat treated in a rotary kiln at high temperatures and magnetic treated. These procedures guarantee low iron content. ALOCAL is recommended for refractory applications.

### General Characteristics

True Specific Gravity	Melting Point	Crystalline Structure	Color
3.89 g/cm <sup>3</sup>	2,020 °C	Alpha Alumina	Brown

### Typical Chemical Analysis by XRF (%)

$\text{Al}_2\text{O}_3$	$\text{TiO}_2$	$\text{SiO}_2$	$\text{Fe}_2\text{O}_3$	MgO
97.64	1.32	0.50	0.17	0.11

### Typical Physical Properties

Apparent Porosity	Apparent Specific Density
2.34%	3,93 g/cm <sup>3</sup>

Apparent Porosity and Apparent Specific Density by ASTM Designation C 20-00.

### Grit Sizes

Size (astm)	Size (mm)
3/4" / 5/16"	19.1 - 8.00
5/16" / 4	8.00 - 4.75
4 / 10	4.75 - 2.00
10 / 20	2.00 - 850 $\mu\text{m}$
10 / 40	2.00 - 425 $\mu\text{m}$
20 / 40	850 - 425 $\mu\text{m}$
40 / 200	425 - 75 $\mu\text{m}$
TPF II	- 212 $\mu\text{m}$
200 MF	- 75 $\mu\text{m}$
325 MF	- 45 $\mu\text{m}$

\* Other grit sizes upon request.

The information contained in this data sheet has been determined through the application of accepted engineering practice and is believed to be reliable. Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of the information, the results to be obtained from use of the product, or that such use will not infringe on any patent. This information is furnished with the express condition that you will make your own tests to determine the suitability of the product for your particular use.

