

## AL

### White Fused Aluminum Oxide

AL is a white aluminum oxide obtained from the fusion of calcined alumina in electric arc furnaces. It is recommended for refractory applications in which purity, chemical stability and high refractoriness are issues to be considered.

#### General Characteristics

True Specific Gravity	Melting Point	Crystalline Structure	Color
3.94 g/cm <sup>3</sup>	2,040 °C	Alpha Alumina	White

#### Chemical Analysis by XRF (%)

Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	Na <sub>2</sub> O
99.59	0.04	0.31

#### Typical Physical Properties

Apparent Porosity	Apparent Specific Density
8.73%	3.57 g/cm <sup>3</sup>

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

#### Grit Sizes

Grit (astm)	Grit (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 µm
10 / 40	2.00 - 425 µm
20 / 40	850 - 425 µm
40 / 200	425 - 75 µm
TPF II	- 212 µm
200 MF	- 75 µm
325 MF	- 45 µm

\* Other grit sizes upon request.