



## FX MINERALS, INC.

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### ALPHA STAR™

### PRODUCT DATA

ALPHA STAR™ is a homogenized, calcined bauxite-based product that has been produced from high purity ores that are custom-processed and fired in a high temperature tunnel kiln. This combination provides a high density, high alumina, volume stable refractory aggregate with low impurity levels and a low apparent porosity.

Property	Specification	Typical
Al <sub>2</sub> O <sub>3</sub>	89.5% min.	90.25%
TiO <sub>2</sub>	4.00% max.	3.71%
Fe <sub>2</sub> O <sub>3</sub>	1.7% max.	1.25%
SiO <sub>2</sub>		3.46%
CaO		0.12%
MgO		<0.1%
Na <sub>2</sub> O+K <sub>2</sub> O	0.40% max	0.24%

Bulk Density (As 3x6 mesh)	3.40 g/cc min.	3.53 g/cc
Apparent Porosity	3.00%	
Moisture	0.5% max	<0.1%

Various Sizes and Packaging Options Available

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