

**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.

<b>Property</b>	<b>Specification</b>	<b>Typical</b>
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

Information on this data sheet for general use only and specific situations may apply to all products. This sheet is property of FX Minerals Pte Ltd and shall not be used, copied or released without permission from FX Minerals Pte Ltd.