

## SECTION 1 - IDENTIFICATION

**COMPANY ADDRESS:**  
 The Virtual Foundry, Inc  
 1471 US HWY 51  
 Stoughton, WI 53589  
 USA

**PRODUCT NAME:** Sintering Refractory Ballast - Al<sub>2</sub>O<sub>3</sub>

## SECTION 2 - TYPICAL MATERIAL PROPERTIES

Physical Properties	Unit	Value
Bulk Density	g/cc	1.55 – 1.95
Particle Size	mesh	100

## SECTION 3 - MATERIAL COMPOSITION

Material	Percentage
Aluminum Oxide	100.0%

## SECTION 4 - DEBINDING/SINTERING INFORMATION

<b>Maximum Temperature</b>	1600°C (2912°F)
<b>Compatible Materials</b>	Bronze, Copper, Amaco 46-D
<b>Process</b>	Debinding (Bronze, Copper) Debinding and sintering (Amaco 46-D)

## SECTION 5 - ADDITIONAL INFORMATION

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**REVISED DATE:** February 2026