

## SECTION 1 - IDENTIFICATION

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

**PRODUCT NAME: Sintering Refractory Ballast - Magnesium Silicate**

## SECTION 2 - TYPICAL MATERIAL PROPERTIES

Physical Properties	Unit	Value
Tap Density	g/cc	2.65 – 2.95
Particle Size	-	Submicron

## SECTION 3 - MATERIAL COMPOSITION

Material	Percentage
Magnesium Silicate	100.0%

## SECTION 4 - DEBINDING/SINTERING INFORMATION

<b>Maximum Temperature</b>	1100°C (2012°F)
<b>Compatible Materials</b>	Bronze, Copper, Pyrex® (Borosilicate)
<b>Process</b>	Sintering (Bronze, Copper) Debinding and sintering (Pyrex®)

## SECTION 5 - ADDITIONAL INFORMATION

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