



Flosan® 2000 Series

DESCRIPTION: Mixture of carefully selected and processed refractory materials with a high sintering point. **Flosan EBT** sand is a high-temperature calcined magnesium silicate blend featuring low density for economy and very high refractoriness for outstanding free open rates. No chrome for minimal taphole wear. Blended with various levels of quartz for free-open optimization.

USES INCLUDE:

Sizing	Uses
- 3 to + 10 (6 - 8 mesh)	EBT taphole fill
10 - 20 (20 - 16 mesh)	Taphole fill
16 - 60 (16 & 24 mesh)	Tundish backfill
30 - 60 (24 & 30 mesh)	Ladle nozzle fill
35 - 70 (40 mesh)	Tundish nozzle fill

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate % by weight)

	Flosan 2001	Flosan 2002	Flosan 2003	Flosan 2004	Flosan 2005	Flosan 2006	Flosan 2007	Flosan 2008	Flosan 2009
SiO ₂	95.2	90.4	85.6	80.8	76.0	71.2	66.4	61.6	56.8
MgO	4.0	8.0	12.0	16.0	20.0	24.0	28.0	32.0	36.0
Fe ₂ O ₃	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5
CaO	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
Al ₂ O ₃	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9

TYPICAL AS RECEIVED PROPERTIES:

	Flosan 2001	Flosan 2002	Flosan 2003	Flosan 2004	Flosan 2005	Flosan 2006	Flosan 2007	Flosan 2008	Flosan 2009
Bulk Density (g/cm ³)	1.60	1.58	1.56	1.54	1.52	1.50	1.48	1.46	1.44



INFORMATION BULLETIN

Shipped in either 3000 lb. super sacks, 1000 lb. drums, 50 lb. bags, or 25 lb. bags. Other packaging options may also be available. Store pallets in a dry and protected area.

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally and as a function of size and shape. This form is not intended to be used for purposes of specification; it is informational only.

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