

JEHEARTH

DESCRIPTION: Electric furnace ramming mix, dry, manufactured from dead burned magnesia, with high lime content, reduced iron content, and high density.

USES INCLUDE: New bottoms of electric arc furnaces

	28*	26*	30BA**	355D*
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CHEMICAL ANALYSIS: (Approximate % by weight)

MgO	79.7	79.7	85	84
SiO ₂	0.8	0.8	1	1.2
Fe ₂ O ₃	5	5	4.5	6
CaO	14	14	8	9
Al ₂ O ₃	0.5	0.5	0.3	0.2

TYPICAL AS RECEIVED PROPERTIES:

Grain sizing, mm	0-8	0-6	0-6	0-6
Bulk density, pcf (g/cc)	169 (2.7)	169 (2.7)	170 (2.72)	170 (2.72)

* available with or without small oil additions as a dust suppressant

**contains an organic binder to provide for the formation of steeper banks in deep EAF bottoms

PACKAGE AND STORAGE:

Shipped in 500, 1500 kg, 2000 kg bags.

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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