

**PRODUCT**  
**HEATCRETE 26-ES**

**ASH HOPPER MIX  
LOW IRON, HIGH STRENGTH, FIRECLAY CASTABLE  
MEDIUM AGGREGATE**

**REFRACTORIES**

**TECHNICAL DATA**

PHYSICAL PROPERTIES

Maximum Service Temperature	2600°F
ASTM C-401	Class C
Lbs. Required Dry Mix Per Cu. Ft.	125 lbs.
% Water by Weight Required for Casting	Approx. 12%
Bulk Density After Drying at 230°F	135 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	5000 - 7000 psi
MOR After Drying at 230°F	900 - 1200 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.4%
After Heating to 2500°F	0.0 to 1.0%

CHEMICAL ANALYSIS

Silica	[SiO <sub>2</sub> ]	45.8%
Alumina	[Al <sub>2</sub> O <sub>3</sub> ]	39.8%
Iron Oxide	[Fe <sub>2</sub> O <sub>3</sub> ]	1.6%
Lime	[CaO]	11.1%

THERMAL CONDUCTIVITY BTU/SQ.FT./HR./°F/IN.

At 500°F	5.6
At 1500°F	6.2
At 2000°F	6.3

NOTE: All data subject to reasonable deviation and should not be used for specification purposes.

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