

PRODUCT

HEATCRETE 26-ESC
LOW IRON, EXTRA STRENGTH CASTABLE
COARSE AGGREGATE

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2600°F
ASTM C-401	Class C
Lbs. Required Dry Mix per Cu. Ft.	126 lbs.
% Water by Weight Required for Casting	Approx. 12%
Bulk Density After Drying at 230°F	132 lbs./cu.ft.
MOR After Drying at 230°F	900 – 1400 psi

Cold Crushing Strength

After Drying at 230°F	5040 – 7800 psi
After Firing at 1500°F	3000 – 5000 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	Negligible
After Heating to 2500°F	0.0 to 1.2%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	42.1%
Alumina	[Al ₂ O ₃]	45.1%
Iron Oxide	[Fe ₂ O ₃]	1.7%
Lime	[CaO]	10.2%

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

At 500°F	6.1
At 1500°F	6.9
At 2000°F	7.0

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

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