

PRODUCT  
**IMPACT 66-H**

LOW REBOUND, HOT GUNNING MIX  
MEDIUM AGGREGATE

# REFRACTORIES

## TECHNICAL DATA

### PHYSICAL PROPERTIES

Maximum Service Temperature	2900°F
ASTM C-401	Class D
Lbs. Required Dry Mix Per Cu. Ft.	130 lbs.
% Water by Weight Required for Gunning	Approx. 6 - 8%
Bulk Density After Drying at 230°F	133 lbs./cu.ft.
Cold Crushing Strength After Drying at 230°F	500 - 700 psi
MOR After Drying at 230°F	150 - 225 psi
MOR After Heating to 2750°F	750 - 1100 psi

### Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	0.0 to -0.2%
After Heating to 2750°F	-0.4 to -0.6%

### CHEMICAL ANALYSIS

Silica	[SiO <sub>2</sub> ]	50.1%
Alumina	[Al <sub>2</sub> O <sub>3</sub> ]	45.2%
Iron Oxide	[Fe <sub>2</sub> O <sub>3</sub> ]	0.9%
Lime	[CaO]	1.7%

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

At 500°F	7.2
At 1500°F	7.3
At 2500°F	8.2

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

8810



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