

PRODUCT

IMPACT 66 SP
LOW REBOUND GUNNING MIX
MEDIUM AGGREGATE

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	2400°F
Lbs. Required Dry Mix Per Cu. Ft.	142 lbs.
% Water by Weight Required for Gunning	Approx. 8 – 12%

Cold Crushing Strength

After Drying at 230°F	1500 – 2500 psi
After Heating to 1500°F	1200 – 2200 psi

Modulus of Rupture

After Drying at 230°F	600 – 1100 psi
After Heating to 1500°F	400 – 800 psi

Permanent Linear Change

After Drying at 230°F	Negligible
After Heating to 1500°F	+0.1 to -0.2%
After Heating to 2200°F	+0.2 to +0.8%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	45.3%
Alumina	[Al ₂ O ₃]	38.3%
Iron Oxide	[Fe ₂ O ₃]	5.2%
Lime	[CaO]	8.7%
Trace Minerals		2.5%

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.

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