

PRODUCT

IMPACT 67 H
LOW REBOUND, HOT GUNNING MIX

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F
Lbs. Required Dry Mix per Cu. Ft.	137 lbs.
Bulk Density (Dried 230°F)	138 pcf
% Water by Weight Required for Gunning	12%
<u>Cold Crushing Strength</u>	
After Drying at 230°F	500 – 800 psi
After Heating to 1500°F	500 – 800 psi
<u>MOR after Drying at 230°F</u>	
After heating to 1500°F	200 – 400 psi
<u>Permanent Linear Change</u>	
After Drying at 230°F	Negligible
After Heating to 1500°F	-0.0 to -0.3%
After Heating to 2550°F	+0.1 to +0.4%
After Heating to 2700°F	0.0 to +0.4%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	39.3%
Alumina	[Al ₂ O ₃]	56.0%
Iron Oxide	[Fe ₂ O ₃]	1.1%
Lime	[CaO]	1.3%
Titania	[TiO ₂]	1.8%
Other		0.5%

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

At 500°F	7.8
At 1500°F	7.7
At 2500°F	8.6

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

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