

PRODUCT

**SAVAGE RAM 60-AS**  
HIGH ALUMINA PLASTIC - AIR SET

**REFRACTORIES**

**TECHNICAL DATA**

PHYSICAL PROPERTIES

Maximum Service Temperature	3200°F
ASTM C-673	60% Alumina Class
Lbs. Required Per Cu. Ft.	155 lbs.
Bulk Density After Drying at 230°F	145 lbs./cu.ft.
MOR After Heating to 1500°F	500 psi
MOR After Heating to 2550°F	600 psi
MOR After Heating to 2910°F	1250 psi

Permanent Linear Change

After Drying at 230°F	-0.1 to 0.5%
After Heating to 1500°F	Negligible
After Heating to 2910°F	0.5 to 1.2%

CHEMICAL ANALYSIS

Silica	[SiO <sub>2</sub> ]	37.1%
Alumina	[Al <sub>2</sub> O <sub>3</sub> ]	59.1%
Iron Oxide	[Fe <sub>2</sub> O <sub>3</sub> ]	1.0%
Titania	[TiO <sub>2</sub> ]	1.9%
Alkalies	[Na <sub>2</sub> O + K <sub>2</sub> O + Li <sub>2</sub> O]	.86%

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

At 500°F	7.5
At 1500°F	8.1
At 2000°F	9.0

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

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