

PRODUCT
SAVAGE SUPER RAM-AS
SUPER DUTY PLASTIC - AIR SET

REFRACTORIES

TECHNICAL DATA

PHYSICAL PROPERTIES

Maximum Service Temperature	3000°F
ASTM C-673	Super Duty Class
Lbs. Required Per Cu. Ft.	146 lbs.
Bulk Density After Drying at 230°F	135 lbs./cu.ft.
MOR After Heating to 1550°F	450 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	+1.0 to 2.0%

CHEMICAL ANALYSIS

Silica	[SiO ₂]	48.9%
Alumina	[Al ₂ O ₃]	45.7%
Iron Oxide	[Fe ₂ O ₃]	1.0%
Titania	[TiO ₂]	1.9%
Alkalies	[Na ₂ O + K ₂ O + Li ₂ O]	.86%

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

At 500°F	4.5
At 1500°F	5.5
At 2000°F	6.0

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

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