



ABLE INSULCAST 24 LI

ABLE Insulcast 24 LI is a low iron insulating hydraulic setting refractory which can be either casted or gunned into place. It can be used as a back-up lining for a dense refractory as it has low thermal conductivity, or it can be used as an exposed lining where conditions are not severe.

Maximum Recommended Use Limit 2400°F
 Melting Point 2600°F

<u>TEST TEMPERATURE</u>	<u>DENSITY LBS./CU.FT.</u>	<u>MODULUS OF RUPTURE, PSI</u>	<u>COLD CRUSH PSI</u>	<u>LINEAR CHANGE %</u>
220°F	70	200-300	350-550	-0.2 to -0.3
1000°F	67	160-280		-0.2 to -0.4
1500°F	65	150-270	400	-0.5 to -0.6
2000°F	64	140-270		-0.5 to -0.8
2300°F	62	170-400		+0.1 to +0.4

CHEMICAL ANALYSIS

Al ₂ O ₃	47.40
SiO ₂	35.60
Fe ₂ O ₃	1.00
TiO ₂	0.90
CAO	12.80
MGO	0.40
Alkalies	1.10
Ign. Loss	0.80

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

Mean Temp.	"K"
400°F	1.73
800°F	1.78
1200°F	1.87
1600°F	2.03
2000°F	2.61

Water required for mixing (by weight) 40-50%
 For Gunning Added at Nozzle
 Material required per cubic foot. 75 Lbs.

Packaged in 40 lb. bags, 48 bags per pallet - (1920 lbs.)