



TECHNICAL DATA

FURN-A-RAM™

RAMMING MIX FOR ALUMINUM CONTACT

Recommended Service Temperature Limit.....	2600°F
Water Required for Mixing.....	8-10%
Material Required Per Ft³.....	121-124 lb
Packaging.....	55 lb bag

TEMPERATURE (°F)	BULK DENSITY (lb/ft³)	LINEAR CHANGE (%)	MODULUS OF RUPTURE (lb/in²)	COLD CRUSH STRENGTH (lb/in²)
220	127-131	-0.1 to -0.3	700-1200	2100-4500
600	127-131	-0.2 to -0.3	400-1000	2100-3700
1000	123-127	-0.3 to -0.4	400-1000	2200-4300
1550	121-124	-0.3 to -0.6	500- 700	2300-3100
2000	119-122	-----	500- 700	2400-3200

CHEMICAL ANALYSIS: (Ignited)

Al ₂ O ₃	.....	40.3%
SiO ₂	.....	44.3
Fe ₂ O ₃	.....	3.4
TiO ₂	.....	2.1
CaO	.....	8.5
MgO	.....	0.3
Alkalies	.....	1.1

THERMAL CONDUCTIVITY: ASTM C-1113

Mean Temperature (°F)	K-Factor (BTU·in/hr·ft² °F) Pour Cast
1000	7.2
1500	7.4

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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