



# TECHNICAL DATA

## GC SAKONITE<sup>®</sup> GUNNING CASTABLE

Recommended Service Temperature Limit.....	2200°F
Water Required for Predampening.....	4%
Material Required Per Ft <sup>3</sup> (value does not include rebound).....	136 lb
Packaging.....	55 lb bag
Percent Water For Mixing (Casting).....	13-15

TEMPERATURE (°F)	BULK DENSITY (lb/ft <sup>3</sup> )	LINEAR CHANGE (%)	MODULUS OF RUPTURE (lb/in <sup>2</sup> )	COLD CRUSHING STRENGTH (lb/in <sup>2</sup> )
220	134-138	-0.1 to -0.5	1000-1300	8000-9500
600	129-133	-0.1 to -0.2	1200-1500	6800-7600
1000	127-131	-0.1 to -0.3	900-1100	6500-7500
1500	128-132	-0.3 to -0.5	600- 800	3100-4000
2000	127-131	-0.3 to -0.4	300- 400	1500-1800

### CHEMICAL ANALYSIS: (Ignited)

Al <sub>2</sub> O <sub>3</sub>	.....	32.3%
SiO <sub>2</sub>	.....	46.1
Fe <sub>2</sub> O <sub>3</sub>	.....	2.6
TiO <sub>2</sub>	.....	0.8
CaO	.....	16.5
MgO	.....	0.6
Alkalies	.....	1.1

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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