



TECHNICAL DATA

Interim

ProGUN® 30 GUNNING MIX

Recommended Service Temperature Limit.....	3000 °F
Water Required for Mixing.....	At Nozzle
Material Required Per Ft ³ (value does not include rebound).....	131-136
Packaging.....	55 lb bag

TEMPERATURE (°F)	BULK DENSITY (lb/ft ³)	LINEAR CHANGE (%)	MODULUS OF RUPTURE (lb/in ²)	COLD CRUSHING STRENGTH (lb/in ²)	APPARENT POROSITY (%)
220	137-144	-0.2 to 0.1	500-1200	500- 5000	18 - 22
2000	135-140	-0.3 to 0.0	200- 1200	500- 5000	25 - 29
2730	130-135	0.5 to 1.1	1000-2000	3500- 9500	21 - 25
2910	127-132	1.2 to 1.8	1200-2200	7000-13000	17 - 21
3000	126-131	1.3 to 1.9	1600-2600	9000-15000	14 - 18

CHEMICAL ANALYSIS:

Al ₂ O ₃	.....	57.3%
SiO ₂	.....	36.0
Fe ₂ O ₃	.....	1.2
TiO ₂	.....	2.3
CaO	.....	2.5
MgO	.....	0.3
Alkalies	.....	0.4

THERMAL CONDUCTIVITY: ASTM C-1113

Mean Temperature K-Factor (BTU-in/hr-ft ² °F)	
(°F)	<u>Pour Cast</u>
1000°F.....	7.8
1500°F.....	8.0
2000°F.....	9.0
2500°F.....	8.6

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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