



TECHNICAL DATA

MONO-GUN® 90

90% ALUMINA PLASTIC GUNNING REFRACTORY

Recommended Service Temperature Limit..... 3300°F
 Water Required for Predampening..... 1-3%
 Material Required Per Ft³ (value does not include rebound)..... 148-153 lb
 Packaging..... 55 lb bag

TEMPERATURE (°F)	BULK DENSITY (lb/ft ³)	LINEAR CHANGE (%)	MODULUS OF RUPTURE (lb/in ²)	APPARENT POROSITY %
220	160-168	-0.1 to -0.4	150- 200	-----
1500	156-165	-0.1 to -0.5	200-400	24-28
2250	157-166	-0.1 to -0.5	450-550	24-28
2550	158-165	-0.1 to -0.5	500-700	24-27
2910	159-165	-0.4 to +0.2	800-900	26-28

CHEMICAL ANALYSIS:

Al ₂ O ₃	.....	89.4%
SiO ₂	.....	8.1
Fe ₂ O ₃	.....	0.5
TiO ₂	.....	0.6
CaO	.....	1.0
MgO	.....	0.1
Alkalies	.....	0.3

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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