



High Alumina Gun Mixes

Gunned Data

QUIKTURN 60G

QUIKTURN 60G is a 60% alumina, low cement gun mix with low rebounds and improved gunning characteristics along with good strength and abrasion resistance. After the final set, this unique gun mix can be heated without the traditional ramp-and-hold heating schedule. Data shown are average results of tests following the guidelines set forth in ASTM C-903, "Preparing Refractory Castable Specimens by Cold Gunning".

Typical Water for Predampening: 2%

Maximum Service Temperature: 3100°F (1700°C)

Bulk Density:
After 1500°F (815°C) 135 pcf (2160 kg/m³)

Cold Crushing Strength:
After 1500°F (815°C) 5500-8000 psi (385-560 kg/cm²)

Permanent Linear Change(%):
After 1500°F (815°C) -0.1 to -0.3

Erosion Loss using ASTM C-704 Method
After 1500°F (815°C): Less than 12 cc

<u>Thermal Conductivity or "K" Factor:</u>		
Mean Temp.	BTU/ft ² /Hr/°F/in	W/mK
1000°F (540°C)	10.0	1.44
1500°F (815°C)	10.0	1.44
2000°F (1095°C)	10.0	1.44

<u>Typical Chemical Analysis (%):</u>					
Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	TiO ₂	Alkalies
58.4	37.4	1.1	1.2	1.7	0.2

Standard Packaging: 72 - 55 lb. bags per pallet (bulk packaging available)

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.

RESCO PRODUCTS disclaims any express or implied warranties based on this sheet.

02/29/08 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet