



Low Cement Gun Mix

Product Data

ProGun LC 85G

ProGun LC 85G is a low cement, 85% alumina gun mix which is designed to give minimum porosity and linear change with maximum density and super high fired strengths. This material will withstand the severe high temperature corrosion and erosion that are common in today's Steel Industry applications. Data shown are average results of tests following the guidelines set forth in ASTM C-903 "Preparing Refractory Concrete Specimens by Cold Gunning".

Maximum Service Temperature: 3200°F (1760°C)

Bulk Density:

220°F (105°C) 178 lb/ft³ (2848 kg/m³)
1500°F (815°C) 176 lb/ft³ (2816 kg/m³)

Cold Crushing Strength:

2500°F (1370°C) 10000-14000 psi (700-980 kg/cm²)

Modulus of Rupture:

2500°F (1370°C) 2500-3000 psi (175-210 kg/cm²)

Permanent Linear Change(%):

2500°F (1370°C) -0.1 to -0.2

Typical Chemical Analysis(%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	CaO	Other
83.3	10.5	1.2	2.6	1.5	0.9

Standard Packaging: 72-55 lb. bags per pallet

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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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