



PRODUCT DATA

Brand Name:

PROGUN® LC 85G

Description:

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. ***A water booster pump is recommended for proper installation.***

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

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

Bulk Density (pcf)

	Gun Data	
After 220°F (104°C)	178	(2.84 g/cm ³)
After 1500°F (815°C)	176	(2.82 g/cm ³)

Cold Crushing Strength (psi)

After 2500°F (1370°C)	10000 - 14000	(700 - 980 kg/cm ²)
-----------------------	---------------	---------------------------------

Modulus of Rupture (psi)

After 2500°F (1370°C)	2500 - 3000	(175 - 210 kg/cm ²)
-----------------------	-------------	---------------------------------

Permanent Linear Change (%)

After 2500°F (1370°C)	-0.2 to -0.1
-----------------------	--------------

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	83.3
Silica (SiO ₂)	10.5
Iron Oxide (Fe ₂ O ₃)	1.2
Titania (TiO ₂)	2.6
Lime (CaO)	1.5
Other	0.9

Standard Packaging: 55 lb bag. 72 bags per pallet. Bulk packaging available.

Brand Code: 0411

The properties shown on this data sheet represent typical average results 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.

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

2/28/17 is the date that this data sheet was updated. Check with your RESOCO sales representative or RESOCO website to determine you have the current sheet.