RESCO
PRODUCTS (UK) LTD

Vibratables

Product Data

ProGun LC 62G

ProGun LC 62G is a 3100°F Bauxite / Mullite Based low-cement gun mix designed to give excellent gunnability, low porosity, minimum linear change, and high fired strengths. **ProGun LC 62** withstands severe high temperature atmosphere reactions, and erosive corrosive environments. Data shown are average results of tests following the guidelines set forth in ASTM C-903-70 "Preparing Refractory Concrete Specimens by Cold Gunning".

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

Bulk Density:

220°F (105°C)	155-160 lb/ft^3 (2480-2560 kg/m^3)
1500°F (815°C)	150-155 lb/ft^3 (2400-2480 kg/m^3)

Porosity: 24%

Cold Crushing Strength:

1000°F (540°C)	7500-10000 psi (525-700 kg/cm^2)
1700°F (927°C)	7500-10000 psi (525-700 kg/cm^2)
2500°F (1370°C)	9000-12000 psi (630-840 kg/cm^2)

Modulus of Rupture:

1000°F (540°C)	1500-2000 psi (105-140 kg/cm^2)
1700°F (927°C)	1200-1700 psi (84-119 kg/cm^2)
2500°F (1370°C)	2000-2500 psi (140-175 kg/cm^2)

Permanent Linear Change(%):

1000°F (540°C)	-0.1 to -0.4
1700°F (927°C)	-0.1 to -0.4
2500°F (1370°C)	-0.1 to -0.3

Erosion Loss:

1700°F (927°C)	Less than 12 cc (Typical loss: 7-9 cc)

Conductivity or "K" Factor:

Mean Temp.	BTU/ft^2/HR/°F/in	W/mK
500°F (260°C)	10.0	1.44
1000°F (540°C)	9.5	1.37
1500°F (815°C)	10.0	1.44

Typical Chemical Analysis(%):

Al_2O_3	SiO_2	Fe_2O_3	CaO	TiO_2	Other
61.9	30.8	0.91	2.58	2.0	0.9

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions 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 expressed or implied warranties based on this sheet. 01/08/13 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

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