INFORMATION BULLETIN

Paragon RD6C

DESCRIPTION: Carbon-bonded synthetic dolomite brick for steelmaking applications like ladles. The synthetic nature of the grain in the brick equates to uniformity, consistency, and high performance. The resin binder affords thermal shock resistance and high hot strength. Brick are available with graphite additions for increased modulus of elasticity.

USES INCLUDE: Ladle working linings.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate % by weight)

MgO	59.4%
CaO	28.3%
Residual Carbon	6.4%
SiO_2	1.3%
Fe_2O_3	1.1%
Al2O3	0.6%

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	7.5
Bulk Density (g/cm^3):	2.98
Cold Crushing Strength (MPa):	43.5

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally and as a function of size and shape. This form is not intended to be used for purposes of specification; it is informational only.

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Phone: 1-800-609-5711
www.FRCglobal.com