



Paragon RD3C

DESCRIPTION: Paragon RD series brick are 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	63.6 %
CaO	29 %
SiO ₂	0.9 %
Fe ₂ O ₃	1.1 %
Al ₂ O ₃	0.4 %
Residual Carbon	5.0 %

TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, Original, g/cm ³	2.95
Cold Crushing Strength, Mpa	55
Apparent Porosity, %	4

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.

Version 20.11
