

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:

MgO	63.6 % by weight (approx.)
CaO	29.0
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:	2.95 g/cm ³
Cold Crushing Strength:	55 Mpa
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.

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