



Paragon RD6

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	42 %
CaO	55 %
SiO ₂	0.5 %
Fe ₂ O ₃	0.6 %
Residual Carbon	5.0 %

TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, Original, g/cm ³	2.87
Cold Crushing Strength, Mpa	85
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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