



Paragon RD

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)

CaO	60.0%
MgO	40.0%
Residual Carbon	2.2%
Fe ₂ O ₃	0.6%
SiO ₂	0.5%

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	4.0
Bulk Density, original (g/cm ³):	2.87
Crushing Strength (N/mm ²):	100

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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