

## Paragon RD6

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**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	42 % by weight (approx.)
CaO	55
SiO <sub>2</sub>	0.5
Fe <sub>2</sub> O <sub>3</sub>	0.6
Residual Carbon	6

### TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, original:	2.87 g/cm <sup>3</sup>
Crushing Strength:	85 N/mm <sup>2</sup>
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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