



INFORMATION BULLETIN

Oracle®

DESCRIPTION: Resin-bonded alumina magnesia carbon brick made from high-purity materials with antioxidant standard.

USES INCLUDE: Ladle working linings.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate % by weight)

| | Oracle | Oracle IP | Oracle HP |
|--------------------------------|--------|-----------|-----------|
| AL ₂ O ₃ | 78% | 80.0% | 84.0% |
| MgO | 10.0% | 10.0% | 10.0% |
| SiO ₂ | 7.0% | 7.0% | 7.0% |
| C | 5.0% | 5.0% | 5.0% |

TYPICAL AS RECEIVED PROPERTIES:

| | Oracle | Oracle IP | Oracle HP |
|--|------------|-------------|------------|
| Apparent Porosity (%): | 5.0 | 4.0 | 4.0 |
| Bulk Density pcf (g/cm ³): | 181 (2.90) | 200 (3.20) | 197 (3.15) |
| Cold Crushing Strength psi (MPa): | 55 (8,000) | 82 (12,000) | 62 (9,000) |

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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