

**PINNACLE® 8DSR**

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**DESCRIPTION:** Ladle and furnace brick, resin bonded, made with predominately fused grain. Very high erosion and slag resistance. Good oxidation resistance due to high purity flake graphite. Antioxidants can be added.

**USES INCLUDE:** Electric furnace hotspots  
Electric furnace sidewalls  
Ladles  
BOF working linings

**CHEMICAL ANALYSIS: (MgO portion)**

MgO	98 % by weight (approx.)
CaO	1.0
SiO <sub>2</sub>	0.8
Fe <sub>2</sub> O <sub>3</sub>	0.2
Al <sub>2</sub> O <sub>3</sub>	0.1

**TYPICAL AS RECEIVED PROPERTIES:**

Bulk Density, Original	3.00 g/cm <sup>3</sup> (187 lb/ft <sup>3</sup> )
Crushing Strength	6000 psi (41 Mpa)
Apparent Porosity	2.5%
Antioxidants	Can be added
% Carbon:	5 - 20%

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.