



## AZAR SHAHAB REFRACTORIES CO.

### ARB-A150

#### General Properties

Classification.....Alumina Brick  
Raw Material Basis..... Bauxite  
Type of Bond.....Ceramic

#### Main Chemical Component

Al <sub>2</sub> O <sub>3</sub> (%)	SiO <sub>2</sub> (%)	Fe <sub>2</sub> O <sub>3</sub> (%)
50	41	2

#### Physical & Thermal Properties

Reversible Thermal Expansion at 1000 °C (%) ..... 0.60-0.70  
Bulk Density (gr/cm<sup>3</sup>) .....2.25-2.35  
Apparent Porosity (%) ..... 16-20  
Cold Crushing Strength (kg/cm<sup>2</sup>) ..... 370-470  
Refractoriness (°C) ..... 1720  
Refractoriness Under Load (°C) .....1340-1360  
Thermal Shock at 1000 °C (cycle) .....20-30

All data subject to reasonable deviation and therefore, should not be used for specification purposes.

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