



# PRODUCT DATA

**Brand Name:** **LADLEMAX BSC**  
**Description:** RESIN BONDED, ALUMINA-CARBON-SILICON CARBIDE BRICK

Physical properties shown are averages based on standard brick sizes.  
ASTM test methods used where applicable

**Bulk Density (pcf)**

As Received 175 (2.80 g/cm<sup>3</sup>)

**Modulus of Rupture (psi)**

At 70°F (21°C) 1450 (102 kg/cm<sup>2</sup>)

**Apparent Porosity (%)**

As Received 10.1

**Coked Porosity (%)**

After Coking 15.9

**Typical Chemical Analysis (%)**

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	71.1
Silicon Carbide/Carbon (SiC+C) .....	19.0
Magnesia (MgO) .....	0.1
Lime (CaO) .....	0.2
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	1.1
Silica (SiO <sub>2</sub> ) .....	6.1
Titania (TiO <sub>2</sub> ) .....	2.4

Brand Code: 7008

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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