



**RESCO**  
PRODUCTS, INC.

## PRODUCT DATA

**Brand Name:**

**DURA-TAB**

**Description:**

BURNED, HIGH ALUMINA BRICK

Physical properties shown are averages based on standard brick sizes.

ASTM test methods used where applicable

**Maximum Service Temperature : 3200°F (1760°C)**

**Bulk Density (pcf)**

As Received	183	(2.93 g/cm <sup>3</sup> )
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**Modulus of Rupture (psi)**

At 70°F (21°C)	2740	(193 kg/cm <sup>2</sup> )
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**Cold Crushing Strength (psi)**

At 70°F (21°C)	10,000	(703 kg/cm <sup>2</sup> )
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**Apparent Porosity (%)**

As Received	16.3
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**Typical Chemical Analysis (%)**

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	91.5
Silica (SiO <sub>2</sub> ) .....	7.5
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.2
Lime (CaO) .....	0.3
Magnesia (MgO) .....	0.3
Alkalis (Na <sub>2</sub> O+K <sub>2</sub> O) .....	0.2

Brand Code: 1273

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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01/29/2021 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet.

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