



## Brick

### Product Data

---

#### R 70D CLAY-AL/HIGH ALUMINA

<b><u>Bulk Density, pcf:</u></b>	169
<b><u>Apparent Porosity, %:</u></b>	15.3
<b><u>Modulus of Rupture, 70°F, psi:</u></b>	1800 (12 MPa)
<b><u>Cold Crushing Strength, psi:</u></b>	10,000 (69 MPa)
<b><u>Reheat Change, Linear %:</u></b> After 5 hours at 2910°F	+3.0

#### **Chemical Analysis, %: (calculated)**

<u>SiO<sub>2</sub></u>	<u>Al<sub>2</sub>O<sub>3</sub></u>	<u>TiO<sub>2</sub></u>	<u>Fe<sub>2</sub>O<sub>3</sub></u>	<u>CaO</u>	<u>MgO</u>	<u>Alkalies</u>	<u>P<sub>2</sub>O</u>	<u>Other</u>
21.2	71.6	2.8	1.4	0.2	0.2	0.4	2.2	0.4

The properties shown on this data sheet represent typical average results generated 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.

RESKO PRODUCTS disclaims any express or implied warranties based on this sheet.

2/5/2008 is the date that this data sheet was updated. Check with your RESKO sales representative or RESKO website to determine you have the current sheet