



# Technical Data

## KRIAL<sup>®</sup> 60-A+

60% ALUMINA, CREEP RESISTANT BRICK

<b>PHYSICAL PROPERTIES (ASTM procedures used where applicable)</b>	Pyrometric Cone Equivalent:	36
	Bulk Density: (lb/ft <sup>3</sup> )	154
	Cold Crushing Strength:(lb/in <sup>2</sup> )	6810
	Apparent Porosity, %:	16.0
	Hot Load Deformation, %: 2640°F (1450°C) & 25 psi	0.0 - 0.3
	Creep (50 Hours), %: 2600°F (1425°C) & 25 psi	0.5 - 1.5
	Creep (20th-50th Hour), %: 2550°F (1400°C) & 28.4 psi	≤0.20
	Permanent Linear Change, %: 2910°F (1600°C) & 5 Hours	+0.2 to +0.6
	Carbon Monoxide Disintegration: 200 Hours	Unaffected
<b>CHEMICAL ANALYSIS (Ignited)</b>	Al <sub>2</sub> O <sub>3</sub> .....	59.6%
	SiO <sub>2</sub> .....	37.4
	Fe <sub>2</sub> O <sub>3</sub> .....	1.0
	TiO <sub>2</sub> .....	1.7
	CaO .....	0.1
	MgO .....	0.1
	Alkalies .....	0.1

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.

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

02/05/08 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