



Technical Data

Interim

KRIAL[®] 75-A (Formerly CS-96117)

75% ALUMINA, CREEP RESISTANT BRICK

PHYSICAL PROPERTIES (ASTM procedures used where applicable)	Pyrometric Cone Equivalent:	38	
		<u>g/cm³</u>	<u>lb/ft³</u>
	Bulk Density:	2.72	168 - 172
		<u>kg/cm²</u>	<u>lb/in²</u>
	Modulus of Rupture:	140	1000-1500
	Cold Crushing Strength:	525	6000-9000
	Apparent Porosity, %:	13 - 17	
	Apparent Specific Gravity:	3.18-3.22	
	Creep (20th-50th Hour), %: 2460°F (1350°C) & 28.4 psi	≤0.15	
Permanent Linear Change, %: 2910°F (1600°C) & 5 Hours	±0.2		
CHEMICAL ANALYSIS (Ignited)	Al ₂ O ₃	75.2%	
	SiO ₂	23.6	
	Fe ₂ O ₃	0.6	
	TiO ₂	0.1	
	CaO	0.1	
	MgO	0.1	
	Alkalies	0.2	

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.

02/05/08 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