



Technical Data

KRIMUL™

60% ALUMINA, CREEP AND ALKALI RESISTANT BRICK

PHYSICAL PROPERTIES (ASTM procedures used where applicable)	Pyrometric Cone Equivalent:	36
	Bulk Density:	<u>lb/ft³</u> 159
	Modulus of Rupture:	<u>lb/in²</u> 1,810
	Cold Crushing Strength:	8,990
	Apparent Porosity, %:	14.3
	Hot Load Deformation, %:	
	2640°F (1450°C) & 25 psi	-0.1
	2900°F (1595°C) & 25 psi	-1.0
	Creep (20th-50th Hour), %:	
	2550°F (1400°C) & 28.4 psi	≤0.2
	Permanent Linear Change, %:	
	2910°F (1600°C) & 5 Hours	0.0
	Carbon Monoxide Disintegration:	
200 Hours	Unaffected	
Abrasion Loss, cc:	11	
Thermal Shock, cycles:	40	
	DIN 51068-1	
CHEMICAL ANALYSIS (Ignited)	Al ₂ O ₃	58.5%
	SiO ₂	39.7
	Fe ₂ O ₃	1.0
	TiO ₂	0.2
	CaO	0.1
	MgO	0.2
	Alkalies	0.3
	<p>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.</p> <p>RESOCO PRODUCTS disclaims any express or implied warranties based on this sheet.</p> <p>02/05/08 is the date that this data sheet was updated. Check with your RESOCO sales representative or RESOCO website to determine you have the current sheet</p>	