



Technical Data

HOTZONE[®] 88-SP L (BB-9511) PERICLASE BRICK, BURNED

FEATURES	An 88%+ MgO burned brick designed for hot zones of rotary lime kilns. HOTZONE [®] 88-SP L contains no added chrome to complicate disposal. It has excellent resistance to spalling and chemical attack and should readily acquire and retain a stable clinker coating.		
PHYSICAL PROPERTIES (ASTM procedures used where applicable)	Bulk Density:	<u>g/cm³</u> 2.87	<u>lb/ft³</u> 179
	Apparent Porosity, %:	17.5	
	Modulus of Rupture: At Room Temperature At 2300°F (1260°C)	<u>kg/cm²</u> 50 70	<u>lb/in²</u> 700 1000
	Cold Crushing Strength:	420	6000
	Hot Load Failure @25 lb/in ² :	>1700°C	>3100°F
CHEMICAL ANALYSIS (Ignited)	MgO (by Diff.) SiO ₂ CaO Al ₂ O ₃ Cr ₂ O ₃ Fe ₂ O ₃	88.9% 8.2 0.8 0.2 Tr 1.9
<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>			