



Technical Data

HOTZONE 80 PERICLASE-CHROME BRICK, BURNED

FEATURES	An 80% MgO burned brick composed of periclase and chrome ore, designed specifically for transition and hot zones of rotary cement kilns. Has low silica content and is compatible with cement clinker and has good spall resistance.		
PHYSICAL PROPERTIES (ASTM procedures used where applicable)		<u>lb/ft³</u>	<u>Kg/m³</u>
	Bulk Density:	182	2915
	Apparent Porosity, %:	18.4	
		<u>lb/in²</u>	<u>MPa</u>
	Modulus of Rupture: At Room Temperature At 2300°F (1260°C)	490 730	3.4 5.0
	Cold Crushing Strength:	3790	26.1
	Hot Load Failure @ 25 lb/in ² :	>3300°F	>1815°C
CHEMICAL ANALYSIS (Ignited)	MgO (Diff.) SiO ₂ CaO Al ₂ O ₃ Cr ₂ O ₃ Fe ₂ O ₃	80.2 1.1 1.3 3.6 8.5 5.3	
	<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>		