RESCO®
PRODUCTS, INC.

Technical Data

HOTZONE 93-SP

FIRED PERICLASE BRICK

FEATURES

A 93% MgO, burned brick, designed for use in the upper and lower transition zones of portland cement rotary kilns and the transition and burning zones of lime kilns. HOTZONE®93-SP is produced from high purity MgO to give a highly refractory product, with a low MOE to resist the physical stresses of rotary kiln operations.

PHYSICAL PROPERTIES (ASTM procedures used where applicable)

	g/cm³	lb/ft³
Bulk Density:	2.91	182
Apparent Porosity, %:	18	
	kg/cm²	lb/in²
Modulus of Rupture:		
At Room Temperature	55	750
At 2300ºF (1260ºC)	40	600

CHEMICAL ANALYSIS (Ignited)

MgO (Diff.)	92.8%
SiO_2	0.6
CaO	1.4
Al_2O_3	5.0
Fe_2O_3	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.

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