



PRODUCT DATA

COELEX[®] 98

HIGH PURITY PERICLASE BRICK, DIRECT-BONDED

FEATURES	High purity periclase and high firing temperatures provide outstanding creep and corrosion resistance and high strengths. Has superior alkali resistance and very low chrome content and recommended for glass furnace regenerator superstructure and checker applications. Also suited to high temperature metallurgical operations requiring maximum resistance to attack by basic slags.		
PHYSICAL PROPERTIES (ASTM procedures used where applicable)		<u>g/cm³</u>	<u>lb/ft³</u>
	Bulk Density:	2.94	183.4
	Apparent Porosity, %:	15.0	
		<u>kg/cm²</u>	<u>lb/in²</u>
	Modulus of Rupture:		
	At Room Temperature	135	1900
	At 2700°F (1480°C)	84	1200
	Hot Load Failure @ 25 lb/in ² :	>1850°C	>3360°F
CHEMICAL ANALYSIS (Ignited)	MgO (Diff.) 98.4% SiO ₂ 0.3 CaO 0.9 Al ₂ O ₃ 0.2 Cr ₂ O ₃ Tr Fe ₂ O ₃ 0.2		
	<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 specification³. 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>		