



Technical Data

EXCELINE™ FG-95 PERICLASE-CHROME BRICK, DIRECT-BONDED

FEATURES	A low silica, low porosity direct-bonded brick, produced from fused magnesia-chrome spinel grain and periclase. Has excellent corrosion and thermal shock resistance.		
PHYSICAL PROPERTIES (ASTM procedures used where applicable)		<u>lb/ft³</u>	<u>Kg/m³</u>
	Bulk Density:	207	3316
	Apparent Porosity, %:	13.1	
		<u>lb/in²</u>	<u>MPa</u>
	Modulus of Rupture:		
	At Room Temperature	1540	10.6
	At 2700°F (1480°C)	1230	8.5
CHEMICAL ANALYSIS (Ignited)	MgO (Diff.) SiO ₂ CaO Al ₂ O ₃ Cr ₂ O ₃ Fe ₂ O ₃	61.0 1.0 1.0 6.1 20.9 10.0	

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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02/05/08 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet