



Technical Data

RFG-93

PERICLASE-CHROME BRICK, DIRECT BONDED

FEATURES	Composed of inert, chemically-resistant fused magnesia-chrome grain. Has low porosity, excellent high temperature strengths and superb corrosion resistance. Recommended for the most severe wear areas of AOD's, degassers, electric furnace slaglines and a variety of other applications requiring maximum corrosion resistance.																				
PHYSICAL PROPERTIES (ASTM procedures used where applicable)		<u>lb/ft³</u>	<u>kg/m³</u>																		
	Bulk Density:	203	3252																		
	Apparent Porosity, %:	14.2																			
		<u>lb/in²</u>	<u>N/mm²</u>																		
	Modulus of Rupture:																				
	At Room Temperature	1170	8.1																		
	At 2700°F (1480°C)	580	4																		
CHEMICAL ANALYSIS (Ignited)	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">MgO (Diff.)</td> <td style="width: 30%;"></td> <td style="width: 30%; text-align: right;">62.3 %</td> </tr> <tr> <td>SiO₂</td> <td></td> <td style="text-align: right;">0.9</td> </tr> <tr> <td>CaO</td> <td></td> <td style="text-align: right;">1.0</td> </tr> <tr> <td>Al₂O₃</td> <td></td> <td style="text-align: right;">6.3</td> </tr> <tr> <td>Cr₂O₃</td> <td></td> <td style="text-align: right;">18.6</td> </tr> <tr> <td>Fe₂O₃</td> <td></td> <td style="text-align: right;">10.9</td> </tr> </table>			MgO (Diff.)		62.3 %	SiO ₂		0.9	CaO		1.0	Al ₂ O ₃		6.3	Cr ₂ O ₃		18.6	Fe ₂ O ₃		10.9
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	<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 specification. 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>RESCO 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 RESCO sales representative or RESCO website to determine you have the current sheet</p>																				