



Technical Data

P-95 B 95% MgO PERICLASE BRICK, BURNED

FEATURES A 95% MgO composition with outstanding hydration resistance, good strengths, and good corrosion resistance. Recommended for electric arc furnace hearths and subhearth, basic oxygen furnace safety linings and glass furnace regenerator checker brick.

PHYSICAL PROPERTIES (ASTM procedures used where applicable)		<u>lb/ft³</u>	<u>kg/m³</u>
	Bulk Density:	176	2819
Apparent Porosity, %:	18.8		
		<u>lb/in²</u>	<u>N/mm²</u>
Modulus of Rupture: At Room Temperature	3370	23.2	
Cold Crushing Strength:	8300	57.2	
Permanent linear change (%) After heating to 3000F (1650°C)	-0.5		

CHEMICAL ANALYSIS (Ignited)	MgO (Diff.)	94.9
	SiO ₂	1.9
	CaO	1.8
	Al ₂ O ₃	0.4
	Cr ₂ O ₃	Trace
	Fe ₂ O ₃	1.0

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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