



Technical Data

K-98 B HIGH PURITY PERICLASE BRICK, BURNED

FEATURES A 98% MgO high density brick with excellent load bearing and thermal conductivity properties. Also has good strength and corrosion resistance. Recommended for use as glass furnace checkers.

PHYSICAL PROPERTIES (ASTM procedures used where applicable)		<u>g/cm³</u>	<u>lb/ft³</u>
	Bulk Density:	2.91	181.6
Apparent Porosity, %:	16.0		
		<u>kg/cm²</u>	<u>lb/in²</u>
Modulus of Rupture: At Room Temperature	140	2000	
Cold Crushing Strength:	350	5000	
Hot Load Failure @ 25 lb/in ² :	>1850°C	>3360°F	

CHEMICAL ANALYSIS (Ignited)		
MgO (Diff.)	.....	98.1%
SiO ₂	.....	0.4
CaO	.....	1.0
Al ₂ O ₃	.....	0.2
Cr ₂ O ₃	.....	Tr
Fe ₂ O ₃	.....	0.3

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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