



Technical Data

K-98 UB PERICLASE BRICK, UNBURNED

FEATURES	High purity periclase brick with excellent resistance to chemical corrosion and creep subsidence. Recommended for glass furnace regenerator checkers because of excellent thermal conductivity characteristics.
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PHYSICAL PROPERTIES (ASTM procedures used where applicable)		<u>g/cm³</u>	<u>lb/ft³</u>
	Bulk Density:	2.95	184
		<u>kg/cm²</u>	<u>lb/in²</u>
	Modulus of Rupture: At Room Temperature	175	2500
	Cold Crushing Strength:	700	10000
	Hot Load Failure @ 25 lb/in ² :	>1760°C	>3300°F

CHEMICAL ANALYSIS (Ignited)	MgO (Diff.)	98.4%
	SiO ₂	0.3
	CaO	0.8
	Al ₂ O ₃	0.2
	Cr ₂ O ₃	Trace
	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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