



Technical Data

DURA-TAB Extra High Alumina Brick

Physical Properties

PHYSICAL PROPERTIES (ASTM procedures used where applicable)	Bulk Density (lbs./cu. Ft.)	185	(2.96 g/cm ³)
	Porosity, % (ASTM C-20)	16.3	
	Cold Crushing Strength, psi (ASTM C-133)	16,200	(1139 kg/cm ²)
	Modulus of Rupture, psi (ASTM C-133)	3,146	(221.2 kg/cm ²)
	Reheat, % (ASTM C-113)(5 hrs. at 2910 °F. (1600 °C.))	0.44	

Chemical Analysis

Al ₂ O ₃	94.0%
SiO ₂	5.6
Fe ₂ O ₃	0.1
TiO ₂	Trace
CaO	Trace
MgO	Trace
Na ₂ O + K ₂ O	0.2

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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