



PRODUCT DATA

Brand Name: PATRIOT HF
Description: High Fired Super Duty Brick

PCE : 32 1/2 -33
Bulk Density (lb/ft³) : 145
Apparent Porosity (%) : 13.5
Cold Crushing Strength (lb/in²)
At 70°F (21°C) : 7,500
Modulus of Rupture (lb/in²)
At 70°F (21°C) : 2,000

<u>Typical Chemical Analysis (%)</u>	
Alumina (Al ₂ O ₃)	48.5%
Silica (SiO ₂)	45.4
Iron Oxide (Fe ₂ O ₃)	1.8
Titania (TiO ₂)	2.2
Lime (CaO)	0.3
Magnesia (MgO)	0.3
Alkalies (Na ₂ O + K ₂ O)	1.1
Phosphorus Pentoxide (P ₂ O ₅)	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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8/8/2011 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

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