Snow Shoe Refractories, LLC

France Non Spall

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Product Data

Scope:

A special high duty fireclay brick with a well balanced formulation to provide resistance to spalling, abrasion, and chemical attack. It will find use in furnace roofs and linings, boilers, incinerators, cement and lime kilns, reheat furnaces, and a wide variety of other applications.

PCE: $31\frac{1}{2} - 32\frac{1}{2}$

Chemical Analysis	(Wt.% - Calcined Basis)
SiO ₂	56.2
Al_2O_3	38.8
TiO_2	1.9
Fe_2O_3	1.3
CaO	0.1
MgO	0.3
Alkalies	1.4

Physical Properties					
English Units Standard Average Deviation		<u>SI U</u> <u>Average</u>	Inits Standard Deviation		
`	$(lbs/ft^3) (kg/m^3)$				
139.0	4.0	2,230	60		
16.5	2.0				
(p	(psi)		(MPa)		
945	195	6.5	1.3		
(p	(psi)		(MPa)		
3,500 - 5,500		24 - 38			
	+ 2.5				
	+ 0	.1			
	- 3.	.8			
	Englis Average (lbs 139.0 16.5 (p 945	English Units Standard Deviation (lbs/ft³) 139.0 4.0 16.5 2.0 (psi) 945 195 (psi) 3,500 - 5,500 + 2 + 0	English Units St Units Standard Average (lbs/ft³) (kg/ 139.0 4.0 2,230 16.5 2.0 (M 945 195 6.5 (psi) (M 3,500 - 5,500 24 -		