

Snow Shoe Refractories, LLC

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ROCKSPAR®

Product Data

Scope:

A super duty fireclay brick with excellent resistance to abrasion, spalling, and chemical attack. It will find use in general service applications where a super duty brick is required.

PCE: 33 - 34

Chemical Analysis (Wt.% - Calcined Basis)	
SiO ₂	50.1
Al ₂ O ₃	45.3
TiO ₂	1.6
Fe ₂ O ₃	1.3
CaO	0.1
MgO	0.3
Alkalies	1.3

Physical Properties				
	English Units		SI Units	
	Average	Standard Deviation	Average	Standard Deviation
Bulk Density		(lbs/ft ³)		(kg/m ³)
	141.0	5.5	2,260	90
Apparent Porosity (%)	16.5	1.5		
Modulus of Rupture at 68°F (20°C)		(psi)		(MPa)
	975	265	6.7	1.8
Crushing Strength at 68°F (20°C)		(psi)		(MPa)
		3,000 - 4,500		21 - 31
Linear Change (%) after 2460°F (1350°C) reheat				+ 0.2

The data given above are average results of our common sized products and are subject to variation. One standard deviation is given when adequate data is available. These results should not be used for specification purposes.

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