

# Snow Shoe Refractories, LLC

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**FRANCO ® 60**

## Product Data

### Scope:

A 60% high alumina brick that will be used in roof suspensions, curtain walls, and safety linings in steel ladles.

PCE: 37

Chemical Analysis (Wt.% - Calcined Basis)	
SiO <sub>2</sub>	30.4
Al <sub>2</sub> O <sub>3</sub>	62.9
TiO <sub>2</sub>	3.1
Fe <sub>2</sub> O <sub>3</sub>	1.6
CaO	0.2
MgO	0.3
Alkalies	1.5

Physical Properties				
	English Units		SI Units	
	Average	Standard Deviation	Average	Standard Deviation
<b>Bulk Density</b>		(lbs/ft <sup>3</sup> )		(kg/m <sup>3</sup> )
	157.0	3.0	2,520	50
<b>Apparent Porosity (%)</b>	17.5	1.0		
<b>Modulus of Rupture</b> at 68°F (20°C)		(psi)		(MPa)
	1,285	145	8.9	1.0
<b>Crushing Strength</b> at 68°F (20°C)		(psi)		(MPa)
		5,000 - 8,000		35 - 55
<b>Linear Change (%)</b> after 2910°F (1600°C) reheat				+ 2.5

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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