



شرکت فرآورده های نسوز صنعت پاسارگاد
Pasargad Industry Refractories Company (PIREFCO.)

PIREF-Calcium Silicate Boards

Dimensions

Length: 1000 mm;

Width: 500 mm;

Thickness: 10, 25, 50 & 75 mm;



Chemical Analysis

SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	L.O.I	Color
47	1.0	0.3	44	5.7	White

Mechanical Analysis

Density (Kg/m ³)	Hot Face Thermal Conductivity (W/m.k , 300 Kg/m ³)				Compress Strength (MPa)	Linear Reheat Shrinkage (%)	Maximum Service Temperature (°C)	Modulus of Rupture (MPa)
300 (~ 280 to 340)	200 °C	400 °C	600 °C	800 °C	2.6	1.5 (24 h at 50 °C below max. service temperature)	1000	> 0.55
	0.08	0.10	0.12	0.14				