

PIREF - Direct Bonded Magnesia Chrome Brick

Description:

Magnesia-Chrome brick made from high quality dead burned magnesia and high quality Chrome Ore.

Characteristics	Chemical Analysis (Wt %)	MgO	Min 60
		Cr ₂ O ₃	Min 17
		Al ₂ O ₃	7 – 12
		Fe ₂ O ₃	Max 9
		SiO ₂	Max 2.0
		CaO	Max 1.0
	Physical Properties	Bulk Density	2.95 – 3.1 (gr/cm ³)
		Apparent Porosity	17 – 19 (%)
		Cold Crushing Strength	400 – 650 (kgf/cm ²)
		Hot modulus of Rupture at 1000 °C	70 – 100 (kgf/cm ²)
		Refractoriness Under Load	> 1600 (T 0.5)
Shelf Life: One year.			
Application: Reverberatory furnace, converter, and anode furnace for copper. Sidewall of EAF, T.B.R.C for lead. Non-ferrous industries.			