

PREMIER REFRACTORIES OF INDIA PVT. LTD.

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Specification - Pre Cast Pre Fired (PCPF) Blocks

PRODUCT NAME	PRIL PCPF LC - 45	PRIL PCPF LC - 60	PRIL PCPF LC - 70	PRIL PCPF LC - 80	PRIL PCPF LC - 90	PRIL PCPF LC - 95
GENERAL PROPERTIES Max Service Temp , °C RTE at 1000°C , %	1550 0.55	1600 0.60	1600 0.65	1700 0.75	1700 0.85	1800 0.90
CHEMICAL ANALYSIS Al ₂ O ₃ , % , min Fe ₂ O ₃ , % , max	45.00 1.00	60.00 1.50	70.00 1.50	80.00 1.80	90.00 1.10	94.00 0.50
PHYSICAL PROPERTIES Bulk Density , gm / cc CCS, Kg / cm ² , min	2.30 900	2.60 900	2.65 900	2.90 1000	3.00 1100	3.10 1100
THERMAL PROPERTIES Refractoriness , OC / °C , min PLC , % , max after heating at 1100°C / 3 hrs	32 / 1717 ± 0.10	36 / 1804 ± 0.10	36 / 1804 ± 0.10	37 / 1820 ± 0.05	37 / 1820 ± 0.05	38 / 1835 ± 0.05

Size Tolerance : ± 1.5% or ± 2 mm whichever is greater.