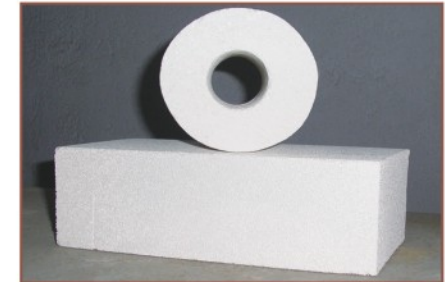




# RAJ CERAMICS

## Z2 INSULATING PRODUCTS (POROSIN BRICKS)

Sl. No.	Brand	Al <sub>2</sub> O <sub>3</sub> % min	Fe <sub>2</sub> O <sub>3</sub> % max	P.C.E OC min	A.P % min	B.D. gm/cc max	C.C.S. Kg/cm <sup>2</sup> min	Service Temp. °C	PLC at deg/hr % max	Thermal At 800°C	Conductivity At 1000°C	Remarks POROSIN (1-4)
1	Special Insulating RC P 50	42	1	26	80	0.55	7	1300	1250/5/±1.0	0.18	0.2	Equivalent ASTM GR-23
2	RC P 65	52	1.5	30	72	0.65	25	1430	1400/5/±1.5	0.28	0.32	
3	RC P 70	55	1.2	30	70	0.75	15	1400	1400/5/±1.5	0.28	0.35	
4	RC P 75	50	1.2	30	65	0.82	40	1430	1400/5/±1.5	0.35	0.4	
5	Medium Insulating											Equivalent ASTM GR-26
6	RC T 10	40	1.9	-	50	1.3	60	1250	1250/2/±1.5	0.5	0.55	
7	RC T 12 (HFK)	40	1.2	-	55	1.2	40	1400	1400/5/±1.0	0.45	0.5	
	Normal Insulating											
8	RC HFI	30	2	-	60	0.9	20	1300	1300/2/±2.0	0.33	0.38	Outsourced
9	RC CFI	30	2	-	65	0.8	15	1200	1200/2/±2.0	0.29	0.33	Outsourced
10	MICA INSULATION	-	-	-	75	0.65	9	1000	950/5/±2.0	0.22	0.25	Outsourced
11	SILICA INSULATION	20	2	-	60	1	25	1150	1100/5/±1.5	0.5	0.6	Outsourced
12	RC LWFB	30	2	30		1.1	70	1200	1150/5/±1.5	0.35	0.45	



Thermal Conductivity : K.cal/m/hr/ C max.

Porosin Insulation is alumina base and has a very uniform TC throughout.



1. The above values represent values obtained on standard squares in accordance with accepted test methods and are subject to manufacturing variations. This information is supplied as a technical service and may change without notice. Results are only indicative data and should not be used for specification/guarantee purposes. Size tolerance ±1.5% or ±2mm which ever is greater.
2. We also make Bricks on tailor-made specification
3. Grading means 90% passing through the desired sieve

