

PAWNI INDUSTRIAL FURNACE MANUFACTURER**All Types of Fabrication Works**

Plot No-23, Part-2, Near Army Society, Jeevan Nagar, Faridabad

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TEST CERTIFICATE

Ref. No. Order No: PIFM/22-23/26
 Customer: JINDAL ALUMINIUM LIMITED
 Article: REFRACAST DL B-80 AL
 Quantity: 7.00 MT
 Lot No: V-10/2022/34
 Manufacturing: OCT/2022

Date.....

For the delivered refractory materials in the quoted production period
 the following properties of investigation were found out by our quality control.

		OC	X
Grain size	(%)		
+ 8 mm			0
0.8 mm			100
Liquid for mixing(portable water)	(%)		5
Physical properties after firing			
Bulk Density	(g/cm3)	1000/4 hr.	2.97
Apparent porosity	(%)	1000/4 hr.	16.33
Cold crushing strength	(N/mm2)	110/24 hr.	138.68
		800/4 hr.	100.56
		1000/4 hr.	110.23
		1200/4 hr.	122.32
Cold modulus of rupture	(N/mm2)	110/24 hr.	28.75
		800/4 hr.	20.16
		1000/4 hr.	21.32
		1200/4 hr.	24.65
Perment linear change	(%)	800/4 hr.	-0.09
		1000/4 hr.	-0.12
		1200/4 hr.	-0.19
Chemical analysis	(weight%)		
AL2O3			78.41
Fe2O3			0.9
CaO			1.45
Sio2			10.70
Bao			2.99

