



MAHAVIR REFRACTORIES CORPORATION

Typical Technical Parameters

GAS PURGING REFRACTORIES

Product Brand	Al ₂ O ₃ % Min.	Fe ₂ O ₃ % Max.	B.D. gms/cc Min.	A.P. % Max.	C.C.S. kgs/cm ² Min.	Gross (NPM)	Application
Porous Plug RH-85PP	85	1.0	-	35	400	300	For normal Steel Ladle purging
Seating Block RHSB-75	75	2.0	2.70	21	300	-	For Porous Plug in Ladle bottom
Seating Block Sleeves RHSB-4	84	0.5	2.8	23	300	-	Protects Well Block during removal of plug

GAS PURGING REFRACTORIES (POROUS PLUG)

Brand Product	MgO % Min.	A.P.M. Max.	C.C.S. Kg/cm ²	Gas permeability Nomopum	Application
RH-PP-I	95	25-30	300	400	For secondary refining in AOD/VOD & VAD ladle. For longer duration purging in steel ladle.
RH-PP-II	85	25-30	200	300	

- NOTE: 1) Data given are typical of machine pressed standard bricks.
2) Values of A.P.% and CCS (kg/cm²) are arithmetic mean of individual results.
3) Size tolerance $\pm 1.5\%$ or 2 mm whichever is greater.
4) Besides the products listed in the catalogue, we are having sound technical expertise to meet the customers requirements.



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SPECIAL REFRACTORIES Zircon Based

Product Brand	Al ₂ O ₃ % Min.	ZrO ₂ % Min.	A.P. & Max.	C.C.S. kgs/cm ² Min.	R.U.L. ta °C. Min.	Application
ZIRCON BRICKS						
RH-ZR	-	63	20	500	1600	For Paving and other location of glass tank furnances
RH-ZRL	15	45	22	500	1500	
RH-ZIRMUL	68	18	21	500	1600	
ZIRCON NOZZLES						
RH-ZRN	-	64	20			Zircon Nozzles for Teeming Steel in continous casting
RH-ZRN-65	-	65	21			
RH-ZRN-75	-	74	22			

SILICON CARBIDE Bricks & Tubes

Product Brand	Al ₂ O ₃ % Min.	SiC & Min.	A.P. % Max.	P.C.E. O.C. Min.	C.C.S. kgs/cm ² Min.	B.D. gms/cc Min.	Application
RH SiC - 36	-	33-36	25	30	400	2.4	For Regenerator Tubes & Kilns Furniture for Crockeries, Sanitary wares & Insulators Industries
RH SiC - 85	-	85	18	35	400	2.6	

NOZZLES FOR TUNDISH

Product Brand	Al ₂ O ₃ % Min.	Carbon % Min.	A.P. % Max.	P.C.E. O.C. Min.	M.O.R. kgs/cm ² Min.	B.D. gms/cc Min.	R.T.E. at 1000 °C	ZrO ₂ % Min.
RH Sum Nozzle	55	25	16	36+	75	2.5	0.5	-
RH Tun Nozzle	-	25	18	36	-	3.1	2.7	65

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