

FLOW CONTROL REFRACTORIES

- [SLIDE GATE REFRACTORIES](#)
- [GAS PURGING REFRACTORIES](#)



1. SLIDE GATE REFRACTORIES

Product	A.P.* %	B.D* (gm/cc)	Al ₂ O ₃ %	Fe ₂ O ₃ %	Cr ₂ O ₃ %	MgO %	F.C %	ZrO ₂ %	HMOR 1400°C (kg/cm ²)	Application Area
SLIDE PLATE :										
CC-SP-98-M	17	2.95	-	-	-	97	-	-	-	Continuous casting
CC-SP-85-CA	16	3.10	84	-	-	-	4	-	-	Ingot & Continuous casting
CC-SP-85-CAS	16	3.00	80	-	-	-	4	5.5	-	Continuous casting
CC-SP-85-CASS	16	3.00	72	-	-	-	4	9.0	-	Continuous casting
CC-AZC	6	3.00	75	-	-	-	4	9.0	150	Continuous casting
CC-SPSR	8	2.80	-	-	-	80	-	-	100	Continuous casting
NOZZLE										
CC-SN-90-C	20	3.00	88	0.5	3	-	-	-	-	Nozzle for slide gate system
CC-SN-85-F	20	2.95	84	0.5	-	-	-	-	-	Nozzle for slide gate system
CC-SN-85-CA	18	2.95	84	-	-	-	4	-	-	Nozzle for slide gate system
CC-SN-90-CA	12	2.90	90	-	-	-	2	-	-	Nozzle for slide gate system
CC-SN-90-M	12	2.90	-	-	-	90	5	-	-	Nozzle for slide gate system

WELL BLOCK/SEATING BLOCK :										
CC-SW-98-T	-	3.00	98	-	-	-	-	-	-	Well block/Seating Block
CC-SW-ULCC-75	-	2.75	75	0.7	-	-	-	-	-	Well block/Seating Block

Properties before pitch impregnation

2. GAS PURGING REFRACTORIES

Product	A.P.* %	B.D* (gm/cc)	Al ₂ O ₃ %	Fe ₂ O ₃ %	MgO %	Air Flow at 0.4 kg/cm ² Ltrs/min	Application Area
POROUS PLUG :							
CC-PP (Part-1)	18	-	88	-	-	50	Steel Ladle, LRF, VOD
CC-PP (Part-2)	23-30	-	-	-	95	-	Steel Ladle, LRF, VOD
CC-MPP (1)	23-30	-	-	-	95	30	Steel Ladle, LRF, VOD