

DIRECT BONDED MAGNESITE CHROME FIRED BRICKS

BRAND	Chemical Properties					Physical Properties			Application Area
	MgO (%) Min.	Cr ₂ O ₃ (%) Min.	SiO ₂ (%) Max.	Fe ₂ O ₃ (%) Max.	Al ₂ O ₃ (%) Max.	A.P. (%) Max.	C.C.S. (kg/cm ²) Min.	B.D. (gm/cc) Min.	
DBMC 5524	55	24	1.10	8.0	7.0	17	450	3.16	Cement Rotary Kilns, Copper Smelting Furnace, AOD Furnace - Barrel & Top Cone Lime Calcination Shaft Kilns
DBMC 6322	63	22	1.10	8.0	7.0	17	450	3.16	
DBMC 6020	60	20	1.10	8.0	7.0	17	450	3.16	
DBMC 5818	58	18	1.10	8.0	7.0	17	450	3.16	

DIRECT BONDED MAGNESITE CHROME FIRED & CHEMICALLY TREATED BRICKS

BRAND	Chemical Properties					Physical Properties			Application Area
	MgO (%) Min.	Cr ₂ O ₃ (%) Min.	SiO ₂ (%) Max.	Fe ₂ O ₃ (%) Max.	Al ₂ O ₃ (%) Max.	A.P. (%) Max.	C.C.S. (kg/cm ²) Min.	B.D. (gm/cc) Min.	
DBMC 5524 A	55	24	1.0	8.0	7.0	12	500	3.18	Specially used after grinding to "0-0" finish for AOD Furnace Bottom, Tuyler Area & Bottom Cone.
DBMC 6322 A	63	22	1.0	8.0	7.0	12	500	3.18	
DBMC 6020 A	60	20	1.0	8.0	7.0	12	500	3.18	
DBMC 5818 A	58	18	1.0	8.0	7.0	12	500	3.18	

DIRECT BONDED / REBONDED MAGNESITE CHROME BRICKS FOR COPPER INDUSTRY

BRAND	Chemical Properties			Physical Properties				Application Area
	MgO (%) Min.	Cr ₂ O ₃ (%) Min.	SiO ₂ (%) Max.	A.P. (%) Max.	C.C.S. (kg/cm ²) Min.	RUL (Ta) °C Min.	B.D. (gm/cc) Min.	
FMC 5124	51	24	1.0	16	450	1750	3.15	Tuyers of Converter Reaction shaft of Flash Smelter High wear areas of Copper Furnace.
FMC 5720	57	20	1.0	16	450	1750	3.15	
FMC 6020	60	20	1.0	18	400	1700	3.15	
FMC 6018	60	18	1.5	18	400	1700	3.15	