

HEAVY DUTY CHROME BRICKS

Typical Parameters

Description	MCC				
	ALCr ¹²	ALCr ³⁰	ALCr ⁶⁰	ALCr ⁸⁶	ALCr ⁹³
Al ₂ O ₃ (%)	>>80	>>68	>>38	-	-
Cr ₂ O ₃ (%)	>>12	>>30	>>60	>>86	>>93
Fe ₂ O ₃ (%)	<<0.5	<<0.2	<<0.2	-	-
Bulk Density Kg/m ³	>>3300	>>3530	>>3630	>>4200	>>4300
Apparent porosity (%)	<<18	<<16	<<14	<<17	<<17
CCS (Mpa)	>>120	>>130	>>130	>>100	>>100
RUL@0.2Mpa 0.6%	>>1700	>>1700	>>1700	>>1670	>>1680
Reheating Linear Change Rate (%) @1600°C x 3h	±0.2	±0.2	±0.2	±0.2	±0.2
Color@fired 1500°C	Cr ₂ O ₃ (%):>>20% Deep Black c/w Reddish Cr ₂ O ₃ (%): >>20% and above -Black.				
Typical Application	<i>The heavy duty Chrome Brick Cr₂O₃>>90% is mainly applied in key components of kilns, alkali-free glass fiber kilns and waste incinerator in coal chemical industry and chemical industry, for Cr₂O₃>>12~60% is mainly applied as the lining of carbon black furnaces and copper smelting furnaces, the smelting pools of glass furnaces and the slipway and tapping platform of steel rolling heating furnaces.</i>				

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