



MEDIUM DUTY AL-CHROME BRICKS

Typical Parameters

Description	MCC			
	ALCr ⁵	ALCr ⁸	ALCr ¹⁰	ALCr ¹⁵
Al ₂ O ₃ (%)	>>85	>>60	>>80	>>75
Cr ₂ O ₃ (%)	>>5	>>8	>>10	>>15
ZrO ₂ (%)	-	>>15	-	-
Bulk Density Kg/m ³	>>3200	>>2900	>>3300	>>3350
Apparent porosity (%)	<<17	<<17	<<17	<<17
CCS (Mpa)	>>110	>>110	>>110	>>110
RUL@0.2Mpa	>>1700	>>1700	>>1700	>>1700
Color@fired 1500°C	Cr ₂ O ₃ (%):<<3%~5% Reddish ; Cr ₂ O ₃ (%): 5%~8% Purple c/w Reddish Cr ₂ O ₃ (%):>>20% Deep Black c/w Reddish Cr ₂ O ₃ (%): >>20% and above -Black.			

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