

ZHENGZHOU SUNRISE REFRACTORY CO., LTD

Sunrise REF4001-Fused Cast Skid Rail Block GM5

FUSED CAST SKID RAIL BLOCK

Physical and chemical index TY-GM5

Item			Behaviors TY-GM5	
			Special	Typical
Chemical Composition %	Al ₂ O ₃		71-74	73
	ZrO ₂		4.5-6	5.5
	SiO ₂		17-20	19
	Fe ₂ O ₃		≤0.5	0.5
	Na ₂ O		≤1.0	1.0
	CaO		≤0.5	0.5
Apparent Prosity (%)			5-8	<8
True density g/cm ³			≥3.0	3.54
Cold Crushing Strength Mpa			≥250	350
Hot Crushing Strength 1300°C Mpa				45
Exudation temperature of Glass phase°C				
Line Expansion 1150°C %				0.9
Thermal conductivity 1250 °C: W/MK				4.6
Bulk Density (g/cm3)		PT(RN)		≥3.0
Bulk Density (g/cm	3)	WS(VF)		≥3.2
Crystallographic analysis %	Corundum		39	
	Mullite		41	
	Glass Phase:		15	
	Baddeleyite		5	

Application: for Skid Rail refractories of STEEL reheating furnace,

It is mainly used in areas that require high abrasion and temperature resistance, such as gliding rail bricks in steel pusher metallurgical furnaces, the tapping platform (tapping spout) style walking beam

furnaces, and also as the interior for destructors.

TEL: +86-371-63838939 FAX: +86-371-63835539 EMAIL: SUNRISE@SUNRISEREFR.COM

ADD: NO.36, FENGCHAN ROAD, ZHENGZHOU, HENAN, CHINA

WEB: WWW.SUNRISEREFRACTORY.COM