INTRODUCTION

Consteel CARS series refining slag's production cover material selection,crushing, screening,water washing,ingredients batching,baking and pressing based on premium raw material and grain size distribution program, the series product is widely applied in the refining step as LF ladle with following features:

- Quick reaction with molten steel to remarkably reduce the refining duration and enhance the refining efficiency;
- Outstanding performances in de-sulfurization,de-phosphorization,de-oxidation,impurities absorption and slag formation;
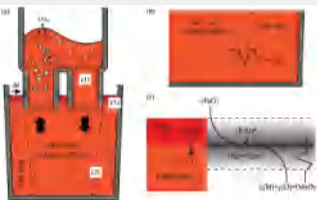- Fluorine free design lead to non-corrosion to refractory lining and more environmental-friendly;

COMPOSITION&PROPERTY

Part number	Chemical Composition(wt%)								Granularity (mm)	Melting point(℃)	Application	Dosage ratio(kg/tonne)	Category
	CaO	Al_2O_3	SiO_2	Fe_2O_3	MgO	TiO_2	S	P					
CARS C	47~52	38~42	<2.5	<1.0	>1	<1	<0.1	<0.05	5~35	<1350	Low-medium-high carbon and alloy steel	1~6	Fluorine free
CARS CF	42~47	42~45	5~2	<1.5	3~5	<1	<0.1	<0.05	5~35	<1350		1~6	
CARS A	35~42	45~50	8~6	<1.5	>1	<1	<0.1	<0.05	5~35	<1350		1~6	
CARS A	30~35	50~55	-	<2.0	-	-	<0.1	<0.05	5~35	<1350		1~6	

Note:
The above parameters are for customers' reference, Consteel engineers will formulate the content of CARS refining slag according to the specific metallurgical features of our customer, which guarantee the optimal processing efficacy. And the granularity can be tailored according to the requirement of customers.

HOW TO SELECT THE RIGHT ONE

This metallurgical addictive is special art involves around experience and science, which means the more cases we have and the deeper analysis we reach will guarantee the high odds we can provide you with satisfactory formulation and granularity to meet your steel mills requirement. This is so called "tailored design", in order to enable our engineer to provide you with the state of art design to fuel your optimal steel-making, please fill out the questionnaire correspondingly.