


Exothermic Agent for Riser

No. SMMP016-0

Other Names	Riser Compound, Feeding Compound	
Items/Grades	EAR-1	EAR-2
Heating Speed Reacting Speed Reacting Duration	Slow Slow Long	Fast Fast Short
Diameter of Riser (mm)	over 200	below 200
Consumption	From 0.25-6kg for riser diameter from 100-800mm	
Application	Various cast steel, high chromium cast iron, nodular cast iron and other castings requiring large shrinkage supplement	
Usage Method	During the casting process, when the metal liquid level rises to 1/2 or 2/3 of the riser height, a certain amount of heating agent shall be put into the riser at one time, and the pouring shall be stopped when the heating agent is exposed to the riser.	
Advantages	<ol style="list-style-type: none"> 1. To reduce the consumption of riser protective sleeve and lower down production cost; 2. The gas in the casting is gradually separated out, the inclusion floats up, the scrap rate caused by porosity and inclusion is reduced, and the comprehensive economic benefit is improved; 3. The riser weight is reduced by more than 50%, the process yield is increased by more than 10%, and the energy consumption is reduced 	
Packing	25kg in one paper bag, 40-50 bags in one jumbo bag or palletized	
		

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