


Product Specification Sheet

Casting Powder

No. SMMP020-0

Other Names	Mold Powder, Mold Slag, Protective Slag				
Items/Grades	CP-LC	CP-HC	CP-SS	CP-SiS	CP-PP
CaO	33-37	26-30	30-36	31-35	26-32
SiO ₂	34-38	28-32	31-37	30-34	26-32
Al ₂ O ₃	<=3.5	<=6	4-8	<=5	<=6
Fe ₂ O ₃	<=2.5	<=2.5	<=2.5	<=2.5	<=2.5
F	4-8	4-9	4-8	5-9	5-9
Na ₂ O	4-8	6-10	5-9	6-10	5-9
C	3-6	14-22	<=5	<=3	18-22
Section (mm)	(150-160) x (700-1500)	150-230	150-250	(180-250) x (1,050-1,400)	ø150-230
Casting Speed (m/min)	0.6-1	1-2	0.6-1.5	0.9-1.4	1.8-2.4
Steel Grade	Common Carbon, Low Alloy	High Carbon, #45 Steel	Stainless Steel	Silicon Steel	Petroleum Pipe
Melting Point (°C)	1,130+/-30	1,100+/-30	1,135+/-30	1,090+/-30	1,130+/-30
Melting Speed (s at 1,250 °C)	25+/-10	30+/-10	25+/-10	25+/-10	30+/-10
Moisture (%)	<=0.5	<=0.5	<=0.5	<=0.5	<=0.5
Viscosity (p s 1,300 °C)	0.25+/-0.05	0.2+/-0.05	0.3+/-0.1	0.2+/-0.05	0.25+/-0.05
Grain Size (mm)	0.1-3	0.1-3	0.1-1	0.9-1.4	1.8-2.4
Packing	10kg in one bag, 800kg in one jumbo bag, 16MT in 1x20'fcl				
Photos for Reference					
Friendly Reminder	<p>Casting Powder is a rather complicated material with various grades. The above 5 grades are for reference only. According to section, casting speed, steel grade and caster index, our casting powder factory may decide to use which grade. Our casting powder factory is one of the leading Chinese manufacturers with almost 40 years experience. They have rich practice in flexible product formulation adjustments, stable quality control and aftersales service to meet customers for all steel various and working conditions.</p>				

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