

High Carbon Mould Casting Powder

Steel Type	High Carbon Steel (C: \geq 0.6 %)		
Section	(150-180) * (150-180)		
Casting Speed	1.4-2.5		
Specifications			
Item (%)	Normal Value (%)	Minimum (%)	Maximum (%)
R	0.65	0.55	0.75
SiO ₂	31.5	28.5	34.5
CAO	20.5	17.5	23.5
Al ₂ O ₃	4.5	2.5	6.5
Fe ₂ O ₂	\leq 4.00		
MgO	2.5	1.0	4.0
MnO	\leq 4.00		
F	6.0	4.0	8.0
R ₂ O	8.5	6.5	10.5
C _{total}	17.0	15.0	19.0
Softening Point (C)	1030	1000	1060
Melting Point (C)	1060	1030	1090
Flow Point (C)	1130	1100	1160
Viscosity (Pa.s/1300 C)	0.35	0.2	0.5
Water (%)	\leq 0.80		
Grain Size (0.15 - 1 mm)	\geq 85		
Density (g/cm ³)	0.65	0.5	0.8

(*) Specifications are for reference only. Goods are produced according to customer's specifications
Spesifikasyonlar referans içindir. Müşterinin talep ettiği değerlere göre imalat yapılır.

High Carbon Mould Casting Powder

Steel Type	High Carbon Steel (C: \geq 0.25%)		
Section	(200-250) * (1100-2100)		
Casting Speed	0.8-1.4		
Specifications			
Item (%)	Normal Value (%)	Minimum (%)	Maximum (%)
R	0.85	0.75	0.95
SiO ₂	32.3	29.3	35.3
CAO	27.5	24.5	30.5
Al ₂ O ₃	4.5	2.5	6.5
Fe ₂ O ₂	\leq 4.00		
MgO	3.0	1.5	4.5
MnO	\leq 4.00		
F	7.5	5.5	9.5
R ₂ O	11.0	9.0	13.0
C _{total}	7.5	6.0	9.0
Softening Point (°C)	1040	1010	1070
Melting Point (°C)	1070	1040	1100
Flow Point (°C)	1140	1110	1170
Viscosity (Pa.s/1300°C)	0.15	0.13	0.17
Water (%)	\leq 0.80		
Grain Size (0.15 - 1 mm)	\geq 85		
Density (g/cm ³)	0.65	0.5	0.8

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Spesifikasyonlar referans içindir. Müşterinin talep ettiği değerlere göre imalat yapılır.

