
Middle Carbon Mould Casting Powder

Steel Type	Middle Carbon Steel (C: 0.09% - 0.25%)
Section	(200-250) * (1100-2100)
Casting Speed	0.8-1.3

Specifications

Item (%)	Normal Value (%)	Minimum (%)	Maximum (%)
R	1.25	1.15	1.35
SiO ₂	30.6	27.6	33.6
CAO	38.5	35.5	41.5
Al ₂ O ₃	4.5	2.5	6.5
Fe ₂ O ₂	≤ 4.00		
MgO	3.5	1.5	5.5
MnO	≤ 4.00		
F	7.0	5.0	9.0
R ₂ O	6.0	4.0	8.0
C _{total}	7.0	5.0	9.0
Softening Point (°C)	1115	1085	1145
Melting Point (°C)	1155	1125	1185
Flow Point (°C)	1180	1150	1210
Viscosity (Pa.s/1300°C)	0.14	0.12	0.16
Water (%)	≤ 0.80		
Grain Size (0.15 - 1 mm)	≥ 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.

Middle Carbon Mould Casting Powder

Steel Type	Middle Carbon Steel (C: 0.3% - 0.6%)		
Section	(150-180) * (150-180)		
Casting Speed	1.6-2.8		
Specifications			
Item (%)	Normal Value (%)	Minimum (%)	Maximum (%)
R	0.85	0.75	0.95
SiO ₂	27.5	24.5	30.5
CAO	23.4	20.4	26.4
Al ₂ O ₃	7.0	5.0	9.0
Fe ₂ O ₂	≤ 4.00		
MgO	3.0	1.5	4.5
MnO	≤ 4.00		
F	5.0	3.0	7.0
R ₂ O	4.0	2.0	6.0
C _{total}	15.0	13.0	17.0
Softenin Point (°C)	1110	1080	1140
Melting Point (°C)	1140	1110	1170
Flow Point (°C)	1165	1135	1195
Viscosity (Pa.s/1300 °C)	0.7	0.5	0.9
Water (%)	≤ 0.80		
Grain Size (0.15 - 1 mm)	≥ 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.