

**Low Carbon Mould Casting Powder**

|               |                                    |
|---------------|------------------------------------|
| Steel Type    | <b>Low Carbon Steel (C: 0.3 %)</b> |
| Section       | (150-180) * (150-180)              |
| Casting Speed | 1.6-2.8                            |

**Specifications**

| Item (%)                       | Normal Value (%) | Minimum (%) | Maximum (%) |
|--------------------------------|------------------|-------------|-------------|
| R                              | 0.7              | 0.6         | 0.8         |
| SiO <sub>2</sub>               | 32.5             | 29.5        | 35.5        |
| CAO                            | 22.8             | 19.8        | 25.8        |
| Al <sub>2</sub> O <sub>3</sub> | 10.5             | 9           | 12          |
| Fe <sub>2</sub> O <sub>2</sub> | ≤ 4.00           |             |             |
| MgO                            | 3.0              | 1.5         | 4.5         |
| MnO                            | ≤ 4.00           |             |             |
| F                              | 4.0              | 2.0         | 6.0         |
| R <sub>2</sub> O               | 4.0              | 2.0         | 6.0         |
| C <sub>total</sub>             | 15.0             | 13.0        | 17.0        |
| Softening Point (°C)           | 1115             | 1085        | 1145        |
| Melting Point (°C)             | 1140             | 1110        | 1170        |
| Flow Point (°C)                | 1160             | 1130        | 1190        |
| Viscosity (Pa.s/1300 °C)       | 1.0              | 0.8         | 1.2         |
| Water (%)                      | ≤ 0.80           |             |             |
| Grain Size (0.15 - 1 mm)       | ≥ 85             |             |             |
| Density (g/cm <sup>3</sup> )   | 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.

**Low Carbon Mould Casting Powder**

|                                |  |             |             |
|--------------------------------|--|-------------|-------------|
| Steel Type                     | <b>Low Carbon Steel (C: 0.03% - 0.08%)</b> |             |             |
| 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 <sub>2</sub>               | 32.8                                       | 29.8        | 35.8        |
| CAO                            | 27.9                                       | 24.9        | 30.9        |
| Al <sub>2</sub> O <sub>3</sub> | 4.5  | 2.5         | 6.5         |
| Fe <sub>2</sub> O <sub>2</sub> | ≤ 4.00                                     |             |             |
| MgO                            | 3.0  | 1.5         | 4.5         |
| MnO                            | ≤ 4.00                                     |             |             |
| F                              | 6.5  | 4.5         | 8.5         |
| R <sub>2</sub> O               | 10.0                                       | 8.0         | 12.0        |
| C <sub>total</sub>             | 7.5  | 6.0         | 9.0         |
| Softening Point (°C)           | 1060                                       | 1030        | 1190        |
| Melting Point (°C)             | 1100                                       | 1070        | 1130        |
| Flow Point (°C)                | 1150                                       | 1120        | 1180        |
| Viscosity (Pa.s/1300°C)        | 0.16                                       | 0.14        | 0.18        |
| Water (%)                      | ≤ 0.80                                     |             |             |
| Grain Size (0.15 - 1 mm)       | ≥ 85                                       |             |             |
| Density (g/cm <sup>3</sup> )   | 0.65                                       | 0.5         | 0.8         |

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