

Sodium Carboxymethyl Cellulose For Ceramic Glaze

Product Description :

In the ceramic industry, CMC can make the glaze body in a state of stable dispersion. In printing glaze, Its main performance are thickening, adhesion and dispersion functions.

Product Specification

| SdielyCel | Viscosity | Degree of Substitution | Purity % | Application |
|-----------|----------------------------------|------------------------|----------|----------------|
| SC0492 | 400-800CPS(Brookfield,2%.25°C) | ≥0.92 | 95.0 | Seepage glaze |
| SC1002 | 350-600CPS(Brookfield,1%.25°C) | ≥0.98 | 95.0 | Printing glaze |
| SC1592 | 800-1500CPS(Brookfield,1%.25°C) | ≥0.92 | 95.0 | Printing glaze |
| SC2092S | 2000-2500CPS(Brookfield,1%.25°C) | ≥0.92 | 95.0 | Printing glaze |

Note: SC209S is surface treated type and can disperse quickly, avoid agglomeration and reduce the operation time.

The application of CMC in the ground coat and cover coat of ceramic tile

- 1,Make the glaze body in a state of stable dispersion.
- 2,Improve the surface tension of the glaze.
- 3,Slow water spreading from the glaze to the body.
- 4,Increase the smoothness of the glaze.
- 5,Avoid glaze cracking and printing fracture in the process of delivery by the decrease of body strength.
- 6,Reduce the glaze pinhole after sintering.

The application of CMC in the printing glaze(or stamp-pad ink, ointment), solution salt glaze

- A, High water solubility, high transparency after dissolving.
- B, Not sticky, not plugging, effectively reduce the frequency of wiping network.
- C, Fine, good lubricity, high efficiency in passing network.
- D, Good printing rheological property, make the printing more fluent, clear and consistent in color and luster.