

SODIUM CARBOXYMETHYL CELLULOSE For Ceramic glaze

Product Description :

In the ceramic industry, Used in the ground coat and cover coat of ceramic, 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

Type	Viscosity, cps(25 °C) Brookfield	PH	Loss on Drying,%	Degree of Substitution	Usage field
C0492	450-800 (2%)	6.0-8.5	≤10.0	≥0.92	Soluble glaze
C1002	250-400 (1%)	6.0-8.5	≤10.0	≥1.02	Printing glaze
C1592	500-900 (1%)	6.0-8.5	≤10.0	≥0.92	Printing glaze Stamp-pad ink

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.
- E, Have a good compatibility with glaze, make the flower glaze steady, have a good performance of acid resistance.