

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. SC1595 can be dispersed in the liquid quickly, reach the highest viscosity in 30-45 minutes, and form a clear and uniform colloidal solution after surface treatment. It doesn't take long to soak and stir.

Product Specification

Type	Viscosity	PH	Loss on Drying,%	Degree of Substitution	Usage field
C1595	1200-1500 (1%)	6.0-8.5	≤10.0	0.95-1.0	glaze
SC1595	1200-1500 (1%)	6.0-8.5	≤10.0	0.95-1.0	glaze
HC1595	1500-1800 (1%)	6.0-8.5	≤10.0	0.95-1.0	glaze

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.