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

<table>
<thead>
<tr>
<th>Type</th>
<th>Viscosity</th>
<th>PH</th>
<th>Loss on Drying,%</th>
<th>Degree of Substitution</th>
<th>Usage field</th>
</tr>
</thead>
<tbody>
<tr>
<td>C1595</td>
<td>1200-1500 (1%)</td>
<td>6.0-8.5</td>
<td>≤10.0</td>
<td>0.95-1.0</td>
<td>glaze</td>
</tr>
<tr>
<td>SC1595</td>
<td>1200-1500 (1%)</td>
<td>6.0-8.5</td>
<td>≤10.0</td>
<td>0.95-1.0</td>
<td>glaze</td>
</tr>
<tr>
<td>HC1595</td>
<td>1500-1800 (1%)</td>
<td>6.0-8.5</td>
<td>≤10.0</td>
<td>0.95-1.0</td>
<td>glaze</td>
</tr>
</tbody>
</table>

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.

www.celluloseether.com