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

<table>
<thead>
<tr>
<th>SdielyCel</th>
<th>Viscosity</th>
<th>Degree of Substitution</th>
<th>Purity %</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC0492</td>
<td>400-800CPS (Brookfield, 2%.25°C)</td>
<td>≥0.92</td>
<td>95.0</td>
<td>Seepage glaze</td>
</tr>
<tr>
<td>SC1002</td>
<td>350-600CPS (Brookfield, 1%.25°C)</td>
<td>≥0.98</td>
<td>95.0</td>
<td>Printing glaze</td>
</tr>
<tr>
<td>SC1592</td>
<td>800-1500CPS (Brookfield, 1%.25°C)</td>
<td>≥0.92</td>
<td>95.0</td>
<td>Printing glaze</td>
</tr>
<tr>
<td>SC2092S</td>
<td>2000-2500CPS (Brookfield, 1%.25°C)</td>
<td>≥0.92</td>
<td>95.0</td>
<td>Printing glaze</td>
</tr>
</tbody>
</table>

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.

www.celluloseether.com