Technical Data Sheet

Dokumental® CF 57xx Highlighter Inks

Water based, Dye-Based Highlighter Inks with Extended Cap-Off Time

General Information
The dye-based highlighter inks of Dokumental® CF 57xx series are optimized for an extended cap-off time. Furthermore they are extremely brilliant when used on standard papers.

Suitable Surfaces
Compatible with standard papers. Colour fading or colour changing might occur if used on acid paper in combination with high air humidity.

Applicable Standards & Regulations on request

Physical Data

<table>
<thead>
<tr>
<th>Type</th>
<th>Colour</th>
<th>Viscosity at 20°C mPa.s ± 0.5</th>
<th>Surface tension mN/m ± 2.0</th>
<th>Density at 20°C g/cm³ ± 0.01</th>
<th>pH-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dokumental® CF 5700</td>
<td>yellow</td>
<td>3.7</td>
<td>36.0</td>
<td>n.d</td>
<td>10.1 - 12.1</td>
</tr>
<tr>
<td>Dokumental® CF 5712</td>
<td>yellow green</td>
<td>3.6</td>
<td>35.8</td>
<td>n.d</td>
<td>10.0 - 12.0</td>
</tr>
<tr>
<td>Dokumental® CF 5724</td>
<td>orange</td>
<td>3.3</td>
<td>41.2</td>
<td>n.d</td>
<td>2.8 - 3.8</td>
</tr>
<tr>
<td>Dokumental® CF 5746</td>
<td>pink</td>
<td>3.8</td>
<td>40.3</td>
<td>n.d</td>
<td>5.0 - 7.0</td>
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<tr>
<td>Dokumental® CF 5750</td>
<td>blue</td>
<td>2.5</td>
<td>40.9</td>
<td>n.d</td>
<td>4.7 - 5.7</td>
</tr>
</tbody>
</table>

Technical Advice

Suitable Components

Nibs: polyester, foamed polyethylene with high porosity
Reservoirs: polyester, polypropylene (acetate reservoirs are not compatible with these inks).

It is mandatory to approve the compatibility of the ink and the components as well as the performance of the writing system in advance.

Cap and plug of the marker must close tightly.
All plastic parts should be made of material with low vapour permeability. Polypropylene and butadiene-styrene (BS) is most suitable.

Before use of our product the filling station has to be maintained and cleaned carefully. The inks are sensitive to any kind of contamination. Cross-contamination of the inks may lead to a colour mismatch or will even lead to a defective marker or shorter shelf life.

Due to the high pH-value of some inks the compatibility with the nibs has to be tested.

Storage, Handling & Transportation

Store our product frost protected and avoid direct sunlight. Recommended storage temperature for the product is between 10°C and 30°C. Storage temperatures above 30°C for several days bear the risk of a reduced shelf life of the ink. The shelf life of the inks in original sealed containers is two years. Make sure that the drums are closed tightly after they were opened.

Packaging
20 kg plastic drum
200 kg plastic drum
1,000 kg IBC

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