LithoTec daylight fluorescent ink concentrate

General Description:
A daylight fluorescent ink concentrate for UV cure, heat-set and air-drying inks.

Type of Product:
A dyed/pigmented thermoset copolymer concentrate in a compatible resin.

Delivery Form:
Paste.

Colours:
Pink 1
Red 3
Orange 4
Orange 5
Orange 6
Green 8
Cerise 13
Strong Magenta 14
Strong Magenta 21
Chartreuse 26
Yellow 27
Invisible Blue 70
Pantone ® 801 Blue
Pantone ® 802 Green
Pantone ® 803 Yellow
Pantone ® 804 Orange
Pantone ® 805 Red
Pantone ® 806 Pink
Pantone ® 807 Magenta

Product Specification

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>Value</th>
<th>Test method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity (Laray)</td>
<td>seconds</td>
<td>6 – 12 @ 30°C</td>
<td>AP</td>
</tr>
<tr>
<td>Tack (Tack-o-scope)</td>
<td>tack units</td>
<td>70 - 120</td>
<td>BT</td>
</tr>
<tr>
<td>Grind (Hegman)</td>
<td>microns</td>
<td>&lt; 1</td>
<td>AN</td>
</tr>
<tr>
<td>Colour (visual)</td>
<td></td>
<td>As standard</td>
<td>AF</td>
</tr>
<tr>
<td>Microscope exam.</td>
<td></td>
<td>As standard</td>
<td>BS</td>
</tr>
<tr>
<td>Proof Tests</td>
<td></td>
<td>As standard</td>
<td>BJ</td>
</tr>
<tr>
<td>Peppering test</td>
<td>microns</td>
<td>&lt; 2</td>
<td>BU</td>
</tr>
</tbody>
</table>

Typical Properties

| Specific Gravity                  |        | ~1.15 @ 20°C        |

Features and Benefits:
- Compatible with UV curing systems
- Can be used with a variety of other mediums for oxidation or heat-set drying ink formulations.
- Sub-micron dispersion.
- Heavy metals meet EN 71-3 requirements for toys.
- RoHS compliant.
- Limited lightfastness in exterior exposure.

Shelf-life & Storage Conditions:
12 months when stored in unopened containers below 35°C.
Keep dry.
Keep away from sources of ignition.

Other Data:
REACH and TSCA compliant.
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Safety:
Please consult our Safety Data Sheet.