pigments for

Liquid Inks

First choice for new formulations
Sudarshan is a leading global producer of performance colorants, manufacturing an extensive range of Organic, Inorganic and Pearlescent pigments as well as Dispersions.

Sudarshan’s quality pigments and dispersions add outstanding performance, long term protection, brilliant color and special effect to the Coatings, Plastics, Printing Ink, Paper, Textile, Cosmetics and Construction Industries.

Each year, we invest substantially in R&D and Applications Service to support our customers technically and to extend our range of products to meet our customers’ requirements.

Sudarshan has over 60 years of manufacturing experience, with sales in more than 60 countries, wholly-owned subsidiaries in North America and Europe, a Representative Office in China and a strong footprint in Asia Pacific and Latin America.

Our quality, environment and safety systems are based on international standards and accredited with the British Safety Council’s Five Star rating, ISO 9001, ISO 14001, ISO 18000, ISO 17025 and OHSAS 18001:2007. Our improvement programs are being driven through 6-sigma methodology.
## Pigments for Liquid Inks

### Technical Information

<table>
<thead>
<tr>
<th>Product Name &amp; Code</th>
<th>Color Index Name</th>
<th>NC-PU Inks</th>
<th>Water base Ink</th>
<th>Opacity</th>
<th>Light fastness</th>
<th>Oil Absorption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sudacolor® Yellow 182</td>
<td>PY 14</td>
<td>●</td>
<td>—</td>
<td>Opaque</td>
<td>5/3</td>
<td>31 ± 10%</td>
</tr>
<tr>
<td>Sudacolor® Yellow 169</td>
<td>PY 13</td>
<td>—</td>
<td>●</td>
<td>Semi Transparent</td>
<td>6/5-6</td>
<td>52 ± 10%</td>
</tr>
<tr>
<td>Sudacolor® Yellow 195</td>
<td>PY 13</td>
<td>●</td>
<td>—</td>
<td>Transparent</td>
<td>5-6/5</td>
<td>52 ± 10%</td>
</tr>
<tr>
<td>Sudacolor® Orange 211D</td>
<td>PO 34</td>
<td>—</td>
<td>●</td>
<td>Transparent</td>
<td>6-7/5-6</td>
<td>56 ± 5%</td>
</tr>
<tr>
<td>Sudacolor® Red 312</td>
<td>PR 2</td>
<td>—</td>
<td>●</td>
<td>Semi Transparent</td>
<td>6/4</td>
<td>38 ± 10%</td>
</tr>
<tr>
<td>Sudacolor® Red 314</td>
<td>PR 2</td>
<td>—</td>
<td>●</td>
<td>Semi Transparent</td>
<td>6/4</td>
<td>38 ± 10%</td>
</tr>
<tr>
<td>Sudacolor® Red 604</td>
<td>PR 57:1</td>
<td>—</td>
<td>●</td>
<td>Semi Transparent</td>
<td>5-6/4</td>
<td>62 ± 5%</td>
</tr>
<tr>
<td>Sudafast™ Red 2973</td>
<td>PR 146</td>
<td>●</td>
<td>—</td>
<td>Transparent</td>
<td>6/5</td>
<td>57 ± 5%</td>
</tr>
<tr>
<td>Sudafast™ Blue 2786D</td>
<td>PB 15:3</td>
<td>—</td>
<td>●</td>
<td>Semi Transparent</td>
<td>8/8</td>
<td>40± 10%</td>
</tr>
<tr>
<td>Sudafast™ Blue 2779D</td>
<td>PB 15:3</td>
<td>●</td>
<td>—</td>
<td>Semi Transparent</td>
<td>8/8</td>
<td>40± 10%</td>
</tr>
<tr>
<td>Sudafast™ Blue 2791D</td>
<td>PB 15:4</td>
<td>●</td>
<td>—</td>
<td>Semi Transparent</td>
<td>8/8</td>
<td>38± 10%</td>
</tr>
<tr>
<td>Sudafast™ Blue 2792D</td>
<td>PB 15:4</td>
<td>●</td>
<td>—</td>
<td>Semi Transparent</td>
<td>8/8</td>
<td>38± 10%</td>
</tr>
<tr>
<td>Sudafast™ Green 2727</td>
<td>PG 7</td>
<td>—</td>
<td>●</td>
<td>Semi Transparent</td>
<td>8/8</td>
<td>30± 10%</td>
</tr>
</tbody>
</table>

- ● Suitable for application
- ○ Potential use for application

Light fastness is assessed on 1–8 Blue Wool Scale where 1 = Poor & 8 = Excellent.

All data is based on internal testing and does not guarantee specific properties or performance. Samples are available for customer testing on request.

The quality of our products is guaranteed under our General Conditions of Sale.
Pigments for Liquid Inks

Sudacolor® Yellow 182
PY 14

Sudacolor® Yellow 169
PY 13

Sudacolor® Yellow 195
PY 13

Sudacolor® Orange 211D
PO 34

Sudacolor® Red 312
PR 2

Sudacolor® Red 314
PR 2

Sudacolor® Red 604
PR 57:1

Sudafast™ Red 2973
PR 146

Sudafast™ Blue 2779D
PB 15:3

Sudafast™ Blue 2791D
PB 15:4

Sudafast™ Blue 2792D
PB 15:4

Sudafast™ Green 2727
PG 7

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Sudafast™ is a trademark of Sudarshan.

Disclaimer: The information included here is based on the reliable data generated by our laboratories. Since the performance of a pigment also depends on the additives and polymers used, we recommend that customers should test the suitability of the pigment for their end application. However, if we are provided with testing methods and samples, we would be glad to do the same.

Caution: We provided a special series of pigments to be used in cosmetics and food packaging materials. Only products designed for these applications should be used. We do not recommend that any of our products are used in sensitive applications which may come in contact with internal body organs or body fluids.

Color Reproduction: For technical reasons connected with color reproduction, the colors shown may not exactly match the pigment colors and do not represent a particular finish.
Our comprehensive color range of organic cyan, magenta and yellow pigments for liquid inks offers high quality and consistency at an affordable price, ideal for:

- Flexo
- Gravure

We support ink manufacturers with excellent technical service, in-situ support and customised products - a partnership approach, providing solutions that make sense.

**Publication, Commercial Printing and Packaging Inks**

Sudarshan pigments are recommended for both flexographic and gravure printing, and are a popular choice for packaging inks.

Our complete range of high quality classical azos and phthalocyanines are equivalent or superior to the leading industry standards and are manufactured within tightly-controlled specifications.

Sudarshan has developed proprietary surface-modifying chemistries to achieve inks with the desired ultra-low viscosity, good rheology and high gloss.

**Technical Properties**

- Exceptional range of vibrant opaque, translucent and transparent colors
- Easy dispersion
- Good range of light fastness and color permanence for exterior conditions
- Excellent performance in low viscosity inks, demonstrating superior rheology control to many industry standard grades
- Good range of heat-stable products that withstand the drying conditions used with water-based inks
- Excellent solvent resistance
- Stable to reactive resins and polymer and suitable for PA, vinyl and NC inks
First choice for new formulations

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