IMAGIFINE 4000NPD
PIGMENT DISPERSIONS

Surfactant Free Pigment Dispersions for Water Borne Stationary Inks, Paper Coloration & Inkjet Ink applications.

Product Description

IMAGIFINE 4000NPD series of surfactant free Water borne Pigment Dispersions are high color strength, free flowing, specifically designed for stationary Inks, paper coloration & for Inkjet ink applications.

Pigment Dispersions are based on high quality pigments with respect to light fastness, having good temperature and chemical resistance.

Pigment Dispersions are standardized with respect to color strength on weight basis. Pigment loading may vary from colour to colour.

IMAGIFINE 4000NPD Pigment Dispersions offer the following unique features:

- Nano Pigment dispersion with D90 below 300nm
- High Color Strength
- Lower Viscosity
- Improved adhesion
- Bleed free
- Alkaline Ph with Good pH and storage stability
- Surfactant Free
- Good re-solubility on press
- Improved rub resistance
- Excellent compatibility with wide range of resins
- Improved Film Gloss

IMAGIFINE 4000NPD Pigment Dispersions are ideal for following water borne applications:

- Water borne stationary Inks
- Paper Coloration
- Inkjet Inks
### Physical Properties

<table>
<thead>
<tr>
<th>IMAGIFINE 4000NPD PIGMENT DISPERSIONS</th>
<th>Pigment Index</th>
<th>Pigment Solids %</th>
<th>Specific Gravity</th>
<th>Weathering [1 – 5]</th>
<th>Light fastness [1 – 8]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue 4153NPD</td>
<td>PB 15:3</td>
<td>20</td>
<td>1.26</td>
<td>5</td>
<td>8</td>
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<tr>
<td>Red 4122 NPD</td>
<td>PR 122</td>
<td>20</td>
<td>1.11</td>
<td>4</td>
<td>7</td>
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<tr>
<td>Black 4160NPD</td>
<td>Black 7</td>
<td>20</td>
<td>1.06</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td>Black 4170NPD</td>
<td>Black 7</td>
<td>20</td>
<td>1.07</td>
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<tr>
<td>Black 4180NPD</td>
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<tr>
<td>Black 4004NPD</td>
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<td>Titanium White 4692 NPD</td>
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<td>Violet 4023 NPD</td>
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<td>1.15</td>
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NB: Customized Pigment Dispersions as per customer needs can be offered.