The reference in grind resin solutions redefines the standard. Joncryl HPD 396 offers improved performance in grinding and final ink formulation while improving efficiency. High pigment loading, improved shock stability, and compliance with latest food contact legislation makes this generation a worthy successor to Joncryl HPD 96-E.

At a glance

<table>
<thead>
<tr>
<th>Solids (%)</th>
<th>31.5</th>
<th>pH</th>
<th>8.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity (mPa·s)</td>
<td>400</td>
<td>AN</td>
<td>185</td>
</tr>
<tr>
<td>Mw (wt.av.)</td>
<td>10,000</td>
<td>Tg (°C)</td>
<td>91</td>
</tr>
</tbody>
</table>

Joncryl HPD 396 versus Joncryl HPD 96-E: High pigment loading at lower viscosity, improved shock stability, better dispersion and ink viscosity stability

Heliogen® Blue D 7088 44% pigment load – Rheology profiles

Irgalite® Rubine D 4280 38% pigment load – Rheology profiles

Heliogen® Blue D 7088 44% pigment load – Stability @ 40°C

Performance

- Higher pigment loading at lower viscosity for more color strength
- More cost-efficiency in grinding and ink formulation
- Improved shock stability for use in automated dispensing equipment
- Prolonged storage stability for more flexibility in the supply chain

Sustainability

- Product line improving production efficiency
- Reduced grinding time
The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed.

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