The outperformer in water-based grind resins
Joncryl® HPD 496 for high-end applications

The next generation of highest quality grind resin technology is Joncryl HPD 496, a specialty solution for segments where advanced resistance is needed, e.g., in flexible packaging. The high color strength, solid resistance properties, and compliance with latest regulatory makes it a worthy successor to Joncryl HPD 296.

At a glance

<table>
<thead>
<tr>
<th>Solids (%)</th>
<th>34.5</th>
<th>pH</th>
<th>8.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity (mPa·s)</td>
<td>500</td>
<td>AN</td>
<td>178</td>
</tr>
<tr>
<td>Mw (wt.av.)</td>
<td>5,500</td>
<td>Tg (°C)</td>
<td>58</td>
</tr>
</tbody>
</table>

High pigment loading at lower viscosity, improved shock stability in rubine 57-1, and better dispersion and ink viscosity stability in rubine 57-1

Irgalite® Rubine D 4280 42% pigment load – Rheology profiles

Irgalite® Rubine D 4280 42% pigment load – Stability @ 40 °C

Performance

- Very high pigment to binder ratio suitable for flexible packaging inks
- More cost-efficiency in grinding and ink formulation
- Improved shock stability
- Prolonged storage stability for more flexibility in the supply chain
- Very good viscosity & shock stability with rubine 57-1

Sustainability

- Product line improving production efficiency
- Greatly 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.