Newprint NCPU
NCPU Based Ink Series for High Performance Lamination

Main Characteristics
• Very high color strength
• Excellent bonding strength on various substrates
• Excellent printability at very high speed press.
• Suitable for solvent based and solvent-less lamination.
• Very low solvent retention.
• Excellent resolubility.
• Excellent heat resistance.
• Excellent block resistance for off-line lamination.
• Good adhesive smear resistance.

Printing Techniques
• Flexography

Printing Substrates
• Polyethylene (LD, HD, MD)
• Polyester (corona and chemical treated)
• Polypropylene (COEX, BOPP)
• Nylon
• Saran coated films

Additional information:
Substrate to be printed needs to have a corona treatment:
min. 38 dyn/cm for PE/PP
min. 48 dyn/cm for polyester

Viscosity (Din 4 at 25°C)
• Production viscosity: 40-60 sec

Dilution
• **Extender and thinner**
  In order to reduce color strength add a diluting varnish. Adding only thinner or an excessive use of solvent may alter the characteristics of the ink.
• **Diluting**
  Genesis Extender
• **Thinner**
  Slow
<table>
<thead>
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<th>%</th>
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<tbody>
<tr>
<td>n-propanol</td>
<td>55</td>
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<tr>
<td>PNB</td>
<td>30</td>
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<tr>
<td>n-propyl acetate</td>
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  Normal
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<tr>
<td>n-propyl acetate</td>
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  Fast
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<tbody>
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<td>Ethanol</td>
<td>80</td>
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Storage and safety
• Store in closed packages.
• Store in well ventilated area
• Max. 12 months in original packages.
• Mix well before use.
• Product is highly flammable.

For further information please contact us:

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The above information is based on our laboratory tests and experience. Results may vary according to different press condition. The final decision regarding the suitability of the product to particular use is sole responsibility of the user.