

# Joncryl<sup>®</sup> DPS 3611

<b>General</b>	a water-based acrylic resin for digital primers for improved image sharpness to be used on absorbent substrates
<b>Key features &amp; benefits</b>	<ul style="list-style-type: none"> <li>■ low dot gain behavior with different types of inks</li> <li>■ excellent printability</li> <li>■ increased color density</li> <li>■ improved sharpness</li> </ul>
<b>Chemical nature</b>	acrylic copolymer

## Properties

<b>Appearance</b>	white emulsion														
<b>Typical characteristics</b> <i>(should not be interpreted as specifications)</i>	<table> <tr> <td>non-volatile</td> <td>43 %</td> </tr> <tr> <td>Brookfield viscosity at 25 °C</td> <td>&lt; 100 mPa.s</td> </tr> <tr> <td>pH</td> <td>2.2</td> </tr> <tr> <td>acid value (on solids)</td> <td>146</td> </tr> <tr> <td>density at 25 °C</td> <td>1.03 g/cm<sup>3</sup></td> </tr> <tr> <td>glass transition temperature Tg (DSC)</td> <td>91 °C</td> </tr> <tr> <td>freeze/thaw-stable</td> <td>no</td> </tr> </table>	non-volatile	43 %	Brookfield viscosity at 25 °C	< 100 mPa.s	pH	2.2	acid value (on solids)	146	density at 25 °C	1.03 g/cm <sup>3</sup>	glass transition temperature Tg (DSC)	91 °C	freeze/thaw-stable	no
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## Application

Joncryl<sup>®</sup> DPS 3611 is very suitable for primer applications in water-based digital printing. It can be applied on absorbent substrates, e.g. paper and board using flexographic, rotogravure or reverse coating technology

Joncryl<sup>®</sup> DPS line is introduced to support the continuous digital printing ink market with dedicated products for water-based primers, ink and varnishes

## Typical formulations using Joncryl® DPS 3611

90-95 parts	Joncryl® DPS 3611
1.0 parts	defoamer
0.5 parts	wetting agent
1.5 parts	rheology modifier
5-10 parts	water
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100.0 parts	

For further detailed application information please contact our Technical Support Department.

### Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

### Note

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 product to ensure that any proprietary rights and existing laws and legislation are observed.

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