

# Joncryl® DPS 3791

<b>General</b>	a polyurethane dispersion for water-based inks and OPV for continuous inkjet technology. It can also be used for digital primers, suitable for absorbent and non-absorbent substrates
<b>Key features &amp; benefits</b>	<ul style="list-style-type: none"> <li>■ excellent lamination bond strength</li> <li>■ applicable on any substrate</li> <li>■ high salt compatibility</li> </ul>
<b>Chemical nature</b>	an aliphatic polyurethane dispersion

## Properties

<b>Appearance</b>	translucent emulsion	
<b>Typical characteristics</b> <i>(should not be interpreted as specifications)</i>	non-volatile	40 %
	Brookfield viscosity at 25 °C	75 mPa.s
	pH (25 °C)	8.6
	minimum film-forming temperature	< 0 °C
	freeze/thaw-stable	no

## Application

Joncryl® DPS 3791 is specifically designed for continuous inkjet applications. Because of its high salt compatibility it is very suitable for use in these applications.

Joncryl® DPS 3791 is also very suitable for primer applications in water-based digital printing. It can be applied both on absorbent and non-absorbent substrates.

The Joncryl® DPS line is introduced to support the digital printing ink market with dedicated products that answer today's technical requirements.

## Typical formulation for water-based inkjet ink

42.0 parts	Joncryl® DPS 3791
15.0 parts	pigment concentrate
10.0 parts	propylene glycol
33.0 parts	water
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100.0 parts	

Viscosity (CP50-1/100 1/s) 7 mPa.s

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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