

# Joncryl<sup>®</sup> DPS 3775

## General

an acrylic emulsion for digital ink applications

## Key features & benefits

- excellent printability / jet-ability
- excellent viscosity stability
- good gloss
- good water resistance
- good (hot) scuff resistance

## Chemical nature

acrylic emulsion

## Properties

### Appearance

semi-translucent emulsion

### Typical characteristics

*(should not be interpreted as specifications)*

non-volatile	39 %
Brookfield viscosity (at 25 °C)	60 mPa.s
pH (25 °C)	8.0
acid value (on solids)	104 mg KOH/g
minimum film-forming temperature	78 °C
Tg (DSC)	106°C
freeze/thaw-stable	Yes

## Application

Acrylic emulsion for use in digital ink and digital overprint varnish, applied on absorbing substrates. Inks / OPV's based on Joncryl<sup>®</sup> DPS 3775 showing good gloss, good water resistance and good scuff resistance.

Excellent viscosity stability with commercially available pigment concentrates and various humectants.

## Typical formulation

Water-based inkjet ink for absorbing substrates in combination with suitable print primer

42.0 parts	Joncryl® DPS 3775
15.0 parts	pigment concentrate
10.0 parts	propylene glycol
33.0 parts	water
100.0 parts	

6 mPa.s                  viscosity CP50-1/100 1/s

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

The Joncryl® DPS line has been introduced to support the continuous digital printing ink market with dedicated products for water-based primers, inks and varnishes.

### 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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