

Joncryl[®] DPS 3771

General an acrylic emulsion with high Tg for digital ink applications

Key features & benefits

- high chemical resistance
- good printability
- excellent visco stability

Chemical nature acrylic emulsion

Properties

Appearance semi-translucent emulsion

Typical characteristics

(should not be interpreted as specifications)

non-volatile	47,0 %
Brookfield viscosity (at 25 °C)	225 mPa.s
pH (25 °C)	7,8
acid value (on solids)	65
Tg (DSC)	64 °C
minimum film-forming temperature	60 °C
freeze/thaw-stable	yes

Application

Acrylic emulsion for digital ink and over print varnishes applied on absorbing and non-absorbing substrates.

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

Typical formulation

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

38 parts	Joncryl® DPS 3771
15 parts	pigment concentrate
10 parts	propylene glycol
37 parts	water
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100.0 parts	

5 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, ink 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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