

Joncryl[®] FLX 5060

General	a self-crosslinking acrylic emulsion with excellent resolubility for water-based inks used for surface printing on film substrates
Key features & benefits	<ul style="list-style-type: none"> ■ excellent dry and wet rub resistance ■ excellent resolubility and printability ■ good heat-seal resistance ■ good blocking resistance
Chemical nature	an acrylic emulsion

Properties

Appearance	white emulsion	
Typical characteristics <i>(should not be interpreted as specifications)</i>	non-volatile	43.0 %
	molecular weight (wt. av.)	>200,000
	Brookfield viscosity at 25 °C	150 mPa.s
	pH	9.3
	acid value (on solids)	14
	density at 25 °C	1.04 g/cm ³
	minimum film-forming temperature	<5 °C
	freeze/thaw-stable	no

Application

Joncryl[®] FLX 5060, with its excellent resolubility and high end resistance, is very suitable for general surface print jobs on PE and PP as well as for segments with high resistance requirement; e.g. deep-freeze and heavy-duty bags.

The Joncryl[®] FLX line has been introduced to support the conversion from solvent to water-based ink for film printing applications.

Typical formulations using Joncryl® FLX 5060

film ink providing high resistance and excellent resolubility

60.5 parts	Joncryl® FLX 5060
35.0 parts	pigment concentrate*
1.0 parts	Hydropalat® ¹ 3682
0.5 parts	Foamstar® ¹ SI 2213
1.0 parts	Joncryl® Wax 4
2.0 parts	Acetone (as curing retarder)
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100.0 parts	

* BASF also offers a full range of Joncryl® HPD dispersion resins.

®¹ BASF product

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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