

Joncryl[®] LMV 7025

Key features and benefits

- low maintenance
- pH-neutral
- good gloss and clarity
- excellent resolubility

a low maintenance vehicle, pH-neutral styrene-acrylic resin solution to be used in water-based inks

General information

Typical physical characteristics (not to be considered specifications)

appearance	clear solution
non-volatile	30 %
molecular weight (wt. av.)	12,500
viscosity at 25 °C (77 °F) (Brookfield)	2,000 mPa.s
pH	7.0
acid value (on solids)	235
glass transition temperature T _g (DSC)	97 °C (207 °F)
VOC weight (by GC analysis)	0.4 %
freeze/thaw-stable	yes

Applications

Joncryl® LMV 7025 solution is a low maintenance, neutral pH, low Volatile Organic Compound (VOC) resin solution in ammonia and water. No alcohols or organic amines are used to enhance solubility.

Joncryl® LMV 7025 solution can be used to modify resolubility and drying speed in Joncryl® LMV 7000 series based inks.

Typical formulations using Joncryl® LMV 7025

high-quality paper and paperboard ink

37.0 parts	Joncryl® LMV 7085 pigment concentrate*
37.0 parts	Joncryl® LMV 7051
15.0 parts	Joncryl® LMV 7025
1.5 parts	wetting agent
4.0 parts	water
5.0 parts	PE wax emulsion*
0.5 parts	defoamer
100.0 parts	

In order to obtain the maximum benefits of the LMV technology it is preferable to use a pigment concentrate based on Joncryl® LMV 7085.

high-quality pH-neutral pigment concentrates

27.3 parts	Joncryl® LMV 7085
0.5 parts	defoamer
27.2 parts	water
45.0 parts	organic pigment
100.0 parts	

* BASF also offers a full range of wax emulsions and dispersion resins.

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

Safety

When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed.

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. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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