

Joncryl[®] LMV 7085

Key features and benefits

- high concentrated dispersions
- excellent color development
- low maintenance
- pH-neutral

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

General information

Typical physical characteristics (not to be considered specifications)

appearance	clear solution
non-volatile	34.5 %
molecular weight (wt. av.)	13,000
viscosity at 25 °C (77 °F) (Brookfield)	2,000 mPa.s
pH	7.3
acid value (on solids)	230
glass transition temperature T _g (DSC)	77 °C (171 °F)
VOC weight (by GC analysis)	0.4 %
freeze/thaw-stable	yes

Applications

Joncryl® LMV 7085 solution is a low maintenance, pH-neutral, low Volatile Organic Compound (VOC) resin solution in ammonia and water. No alcohols or organic amines are used to enhance solubility.

Joncryl® LMV 7085 solution has been designed to optimize the dispersion of organic pigments at neutral pH.

Typical formulation using Joncryl® LMV 7085

Pigment dispersions made from Joncryl® LMV 7085 solution provide a good basis on which to formulate pH-neutral water-based liquid inks from Joncryl® LMV 7031 emulsion, Joncryl® LMV 7040 emulsion, Joncryl® LMV 7051 emulsion and Joncryl® LMV 7025 solution.

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	

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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