

Joncryn[®] HPD 96

General A high performance acrylic resin solution for pigment dispersion applications

Key features & benefits high pigment concentrations at low viscosity
viscosity stability
color development and gloss

Chemical Composition styrene acrylic resin solution

Properties

Appearance clear liquid

Typical characteristics <i>(should not be interpreted as specifications)</i>	non-volatile at 145°C (2g, 60 min)	~ 35.0%
	pH at 25°C	~ 8.9
	viscosity at 25°C (#4 LV, 60 rpm, 60 sec)	~ 3,000 – 7,000 cps
	molecular weight (Mw)	16,000
	acid number	220
	density at 25°C	1.10 g/cm ³
	softening point (ring and ball)	155°C
	MFFT	>60°C
	Tg	88°C
	freeze-thaw stable	Yes
	total VOC	0.6% wt

Application

Joncryn[®] HPD 96 is a 34% solids, high molecular weight, acrylic resin solution specifically designed to improve the color development and gloss of pigment dispersions without compromising ink stability. Dispersions formulated with this solution approach the quality of chip dispersions.

Joncryn[®] HPD 96 is recommended for applications such as:

- Pigment dispersions

Joncryn[®] HPD 96 also offers improved dispersion and ink stability compared to traditional dispersion resin solutions. This solution provides superior improved wetting properties compared to conventional dispersion resins, which allows the formulation of high solids, low viscosity pigment dispersions that have excellent rheology, flow, and stability.

Joncryl® HPD 96 TDS EN (10-2019)

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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