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Joncryl® FLX 5026-A

Product Description **Joncryl FLX 5026-A is a self-crosslinking acrylic emulsion with good resolubility for water-based inks used for surface printing on polyethylene and polypropylene substrates.**

Chemical Composition **Acrylic Emulsion**

Properties

Typical Properties

Appearance		semi translucent emulsion
Molecular weight (Mw)		> 200,000
Non-volatile	%	44
pH		9.0
Acid value (on solids)		7
Viscosity at 25°C		
(Brookfield #3 LVF, 30 rpm)	cps	175
Density at 25°C	g/cm³	1.03
MFFT	°C	11
Freeze-thaw stable		No
Total VOC	% wt	< 0.5

These typical values should not be interpreted as specifications.

Application

Joncryl FLX 5026-A was developed for surface print white inks on OPP substrates. In a formulated white ink, Joncryl FLX 5026-A offers the required physical properties such as high heat resistance, very good scratch and crinkle resistance, high opacity and high gloss.

The following advantages are observed
- Excellent heat-seal resistance
- Very good chemical resistance
- Very good printability and resolubility
- Good ink stability

Joncryl FLX 5026-A is recommended for applications such as:
- Printing inks for flexographic or gravure applications

Joncryl FLX 5026-A based inks can be overprinted with both solvent based and water based colors without re-dissolving or printability problems. Due to the high pigment loading and good transfer at high speed, it is possible to use finer aniloxes which reduces ink usage and VOC emissions.

Safety

General The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

Safety Data Sheet All safety information is provided in the Safety Data Sheet for Joncryl FLX 5026-A.

Storage

Please refer to the “Handling and Storage of Polymer Dispersions” brochure.

Important

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