

# Joncryl® 631 ap

## General

A high hiding styrene-acrylic emulsion for printing inks applications.

## Key features & benefits

opacity  
improves ink brightness and color intensity  
reduces pigment loading

## Properties

### Appearance

opaque emulsion

### Typical characteristics

*(should not be interpreted as specifications)*

non-volatile	50 %
viscosity at 25 °C	2,500 mPa.s
acid value	25
density at 25 °C	1.05 g/cm <sup>3</sup>
glass transition temperature T <sub>g</sub> (DSC)	105 °C
minimum film-forming temperature	>60 °C
pH	7.9
freeze/thaw-stable	yes

## Application

Joncryl® 631 ap is a hard non-film forming, opaque emulsion designed to hide the brown background of natural kraft substrates. This emulsion, when used as a letdown vehicle, results in a more intense, brighter printed colors. The semi-opaque nature of Joncryl® 631 ap allows for the reduction of pigment levels as well as inorganic extenders.

Joncryl® 631 ap TDS EN (03-2020)

### 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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