

# Joncryl<sup>®</sup> HPD 196

## General

A high performance acrylic resin solution for pigment dispersion applications

## Key features & benefits

high pigment concentrations  
very good dispersion and ink viscosity stability  
cost effective

## Chemical composition

styrene acrylic resin solution

## Properties

### Appearance

clear liquid

### Typical characteristics

*(should not be interpreted as specifications)*

non-volatile at 145°C (2g, 60 min)	~ 36.8%
pH at 25°C	~ 9.0
viscosity at 25°C (#3 LV, 12 rpm, 60 sec)	~ 2,000 – 5,500 cps
molecular weight (Mw)	9,200
acid number	200
density at 25°C	1.08 g/cm <sup>3</sup>
Tg	85°C
freeze-thaw stable	Yes
total VOC	0.6% wt

## Application

Joncryl<sup>®</sup> HPD 196 is a 36% solids solution of a mid-range molecular weight acrylic resin in water and ammonia that is specifically designed to disperse organic pigments at high concentrations without compromising stability. This solution also offers improved ink stability compared to traditional dispersion resin solutions.

Joncryl<sup>®</sup> HPD 196 is recommended for applications such as:

- Pigment dispersions

Joncryl<sup>®</sup> HPD 196 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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