

# Joncryl<sup>®</sup> 696

**General** A high performance acrylic resin for pigment dispersion applications

**Key features & benefits**

- high pigment concentrations at low viscosity
- viscosity stability
- color development and gloss

**Chemical composition** styrene acrylic resin

## Properties

**Appearance** clear flakes

### Typical characteristics

*(should not be interpreted as specifications)*

molecular weight (Mw)	~ 16,500
acid number (0.3g, 3A alcohol, 0.1 N NaOH)	~ 225
non-volatile	98.9%
density at 25°C	>1.16 g/cm <sup>3</sup>
softening point (ring and ball)	155 °C
Tg	88 °C
total VOC	>1.1% wt

## Application

Joncryl<sup>®</sup> 696 is a high molecular weight acrylic resin specifically designed to improve the color development and gloss of pigment dispersions without compromising ink stability. Dispersions formulated with Joncryl<sup>®</sup> HPD 696 approach the quality of chip dispersions.

Joncryl<sup>®</sup> 696 is recommended for applications such as:

- Pigment dispersions

Joncryl<sup>®</sup> HPD 696 provides improved pigment wetting, color strength, and gloss compared to conventional dispersion resins. This allows the formulation of high solids, low viscosity pigment dispersions that have excellent rheology, flow, and stability.

Joncryl<sup>®</sup> HPD 696 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.

® = registered trademark, ™ = trademark of the BASF Group, unless otherwise noted

**BASF East Asia Regional Headquarters Ltd.**  
45th Floor, Jardine House, No. 1 Connaught Place, Central, Hong Kong