

Joncryl[®] HPD 296

General

A high performance acrylic resin solution for highly pigment dispersion applications

Key features & benefits

enables high pigment, low viscosity dispersions
improves storage and shock stability
reduces mill time

Chemical composition

styrene acrylic resin solution

Properties

Appearance

yellow liquid

Typical characteristics

(should not be interpreted as specifications)

non-volatile at 145°C (2g, 60 min)	~ 37.0%
pH at 25°C	~ 8.6
viscosity at 25°C (#2 LV, 30 rpm, 60 sec)	~ 200 – 800 cps
molecular weight (Mw)	11,500
acid number	141
density at 25°C	1.03 g/cm ³
MFFT	>60°C
Tg	15°C
freeze-thaw stable	Yes
total VOC	0.4% wt

Application

Joncryl[®] HPD 296 is a high performance dispersion, resin solution designed to improve the viscosity and shock stability of highly pigmented dispersions. Dispersions made with this solution exhibit very good shock stability and may be used in automated dispersing equipment without the need for further buffering. Joncryl[®] HPD 296 also improves the milling efficiencies by allowing for higher pigment loading and more efficient dispersion characteristics.

Joncryl[®] HPD 296 is recommended for applications such as:

- Pigment dispersions

Joncryl[®] HPD 296 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