

Joncryl® HPD 296

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| Product Description | Joncryl HPD 296 is a high-performance acrylic resin solution for high performance pigment dispersion applications. |
| Key Features & Benefits | <ul style="list-style-type: none">- Enables high pigment loading, low viscosity dispersions- Improves storage and shock stability- Reduces mill time |
| Chemical Composition | Styrene acrylic resin solution |

Properties

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|---------------------------|-----------------------|-------------------|---------------|
| Typical Properties | Appearance | | yellow liquid |
| | Non-volatile | % | 36.3 |
| | pH at 25°C | | 8.1 |
| | Viscosity at 25°C | cps | 600 |
| | Molecular weight (Mw) | | 11,500 |
| | Acid number (NV) | | 141 |
| | Density at 25°C | g/cm ³ | 1.03 |
| | Tg | °C | 15 |
| | Freeze-thaw stable | | Yes |
| | Total VOC | % wt | 0.4 |

* These typical values should not be interpreted as specifications.

Application

Joncryl HPD 296 is a resin solution for high-performance dispersion, 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 dispensing equipment without the need for further buffering. Joncryl HPD 296 also improves milling efficiency by enabling higher pigment loading and/or reduced milling time.

Joncryl HPD 296 is recommended for applications such as:

- Pigment dispersions

Safety

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| 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 HPD 296. |

Storage

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

Important

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