

Joncryl[®] ECO 675

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| Product Description | Joncryl ECO 675 is a general purpose, mid-range molecular weight, glycol ether-free* resin for pigment dispersion, low odor inks, and overprint varnish applications. |
| Key Features & Benefits | <ul style="list-style-type: none">- Ultra low VOC and HAPS free- Promotes gloss and resolubility- Low odor |
| Chemical Composition | Styrene acrylic resin |
| | * The glycol ether level in this product averages less than 0.002 weight percent. |

Properties

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| Typical Properties | Appearance | clear flakes |
| | Molecular weight (Mw) | 5,700 |
| | Acid number (NV) | 222 |
| | Non-volatile | % 99.5 |
| | Density at 25°C | g/cm ³ 1.16 |
| | Softening point (ring and ball) | °C 141 |
| | Tg | °C 103 |
| | Total VOC | % wt 0.5 |

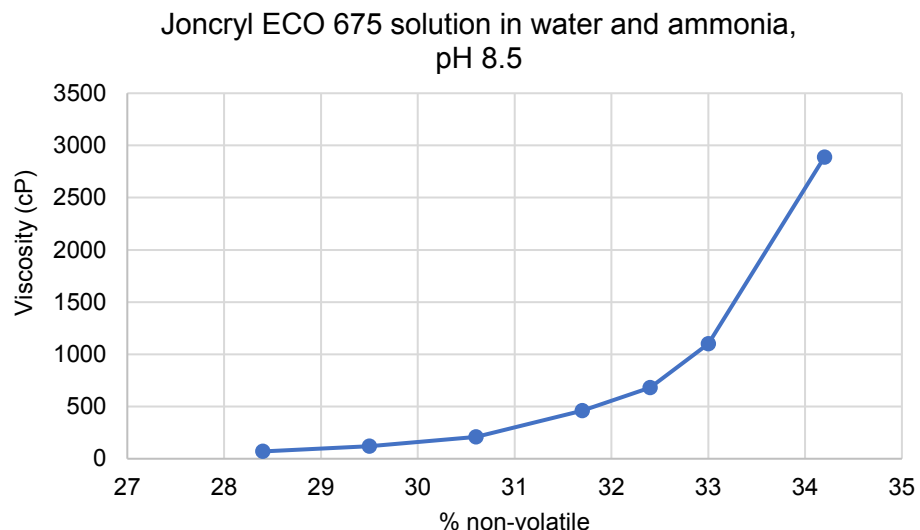
These typical values should not be interpreted as specifications.

Application

Joncryl ECO 675 is a general purpose, glycol ether-free, low VOC, mid-range molecular weight styrene-acrylic resin. Solutions of this product can be used to formulate pigment dispersions that enhance gloss, holdout, and resolubility in low odor inks and overprint varnishes.

Joncryl ECO 675 is recommended for applications such as:

- Pigment dispersions
- Low odor printing ink applications
- Low odor overprint varnishes for packaging applications



Joncryl ECO polymers allow the formulator to develop ultra-low VOC, glycol ether-free products. They are ideal for demanding packaging applications like the confectionary and food packaging markets that cannot tolerate solvent odor contamination. Additionally, the excellent compatibility and printability of Joncryl ECO polymers makes them an ideal system for next generation inks and overprint varnishes.

Safety

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 ECO 675.

Storage

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

Important

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BASF Corporation

Dispersions and Resins

11501 Steele Creek Road

Charlotte, North Carolina 28273

Phone: (800) 251 – 0612

Email: CustCare-Charlotte@basf.com

Email: edtech_info@basf.com

www.basf.us/dpsolutions