



BASF

We create chemistry

JONCRYL® 541

Next-Gen Binder for Improved Printability of Water-Based Surface Print Inks

Performance Benefits

- Best in class resolubility for improved printability and extended print runs
- Improved resistance properties for broader packaging applications
- Improved cost in use due to innovative crosslinking mechanism

Product Highlights

- Self-crosslinking styrene acrylic resin
- Typical applications include labels, shopping bags and flexible packaging
- Swiss list compliant



JONCRYL® 541

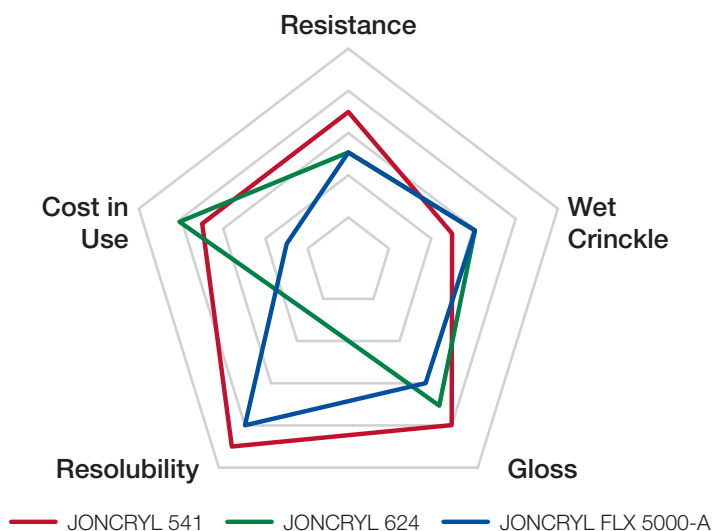
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Improved Resolubility and Resistance

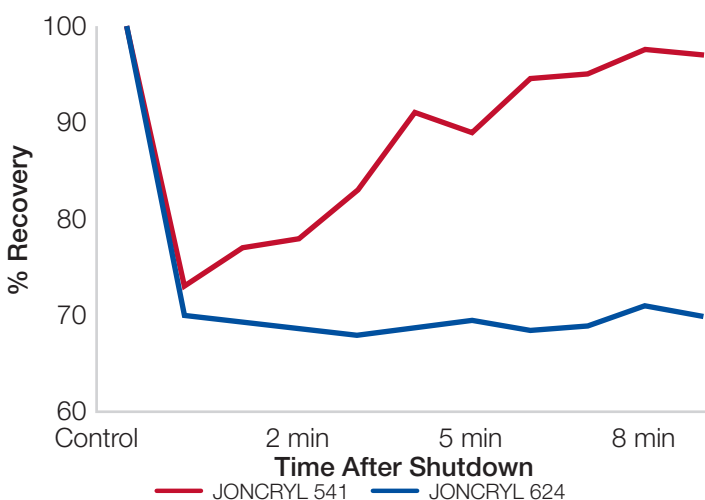
Resolubility and resistance are key properties for surface print inks. The balance between these properties has been most challenging in case of water-based systems. JONCRYL 541 raises the benchmark for water-based surface print binders. JONCRYL 541, with its unique polymer architecture and innovative crosslinking mechanism, provides best in class resolubility and improved resistance properties while helping keep costs down. The improved resolubility reduces the need for clean up of anilox rolls and risk of dirty prints, thereby improving quality and productivity.

Typical surface print applications include labels, shopping bags and flexible packaging such as dry foods, candy wrappers, outdoor bags etc..

Comparative Performance Data



Ink Resolubility Data



Resolubility data based on print trials on Mark Andy press using 500 line anilox.

Starting Point Formulation for Surface Print Inks

The following starting point formulation is recommended for initial evaluations. Additional optimization may be required to achieve desired results for specific applications.

Zahn EZ #3 Viscosity for formulation is 17.5

	%
Pigment Dispersion	40.0
JONCRYL 541	54.9
JONCRYL Wax 28	4.0
FOAMSTAR® SI 2280	0.1
HYDROPALAT® WE 3650	1.0
Total	100.0

Contacts

Please contact our technical service department for more help on formulating with products from the JONCRYL product line.

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