

# Reaching the top level in water-based film printing

Sustainable lamination performance

 **BASF**

We create chemistry



## Performance

- Improved lamination bond strength on a broad range of substrates
- Very good printability, lay and resolubility
- Improved substrate wetting and blocking resistance
- Good compatibility with different pigment concentrates

## Sustainability

- Water-based technology
- Swiss list compliance
- Reduced emissions throughout the life cycle



Cheese packaging printed with inks based on Joncryl® FLX 5220

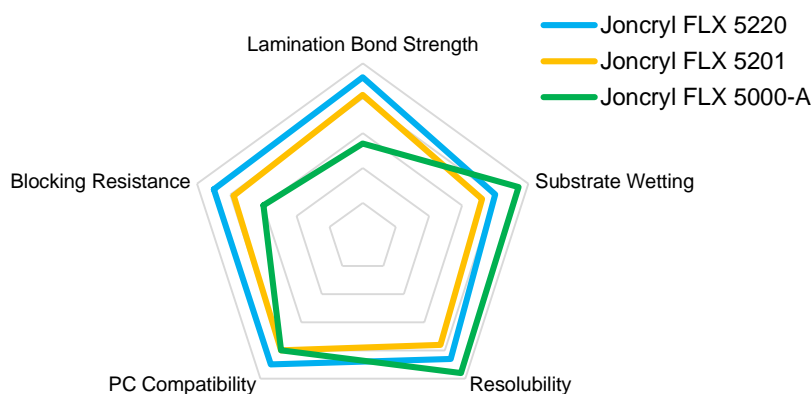
# Joncryl® FLX 5220

## Combining the best worlds of polyurethane and styrene-acrylic dispersions

Joncryl® FLX Line products are successfully used in water-based inks for film printing applications. Thanks to Joncryl® FLX 5220 the conversion from solvent- to water-based inks is a high quality, cost-saving and eco-efficient option for lamination film printing.

Joncryl® FLX 5220 is the latest result of the technology evolution in water-based lamination binders: a **polyurethane – acrylic hybrid dispersion**. The Joncryl® FLX range is the market reference in water-based chemistry for flexible packaging printing. Joncryl® FLX 5220 reaches the highest performance level by combining the best of polyurethane and styrene-acrylic dispersions. It achieves superior bond strength levels and very good printability at the same time.

### The performance evolution of Joncryl® FLX 5220



We recommend Joncryl® FLX 5220 for use in lamination inks for medium to high duty film applications, e.g. snack food, coffee, fatty food packaging, and even retort. Our print trials have proven similar performance levels compared to solvent-based inks.

### Joncryl® FLX 5220 benefits from advantages of water-based printing

- No costs for solvent abatement and explosion safe systems
- Reduction of ink and solvent consumption
- Less time spent on reporting environmental effects to comply with permits
- Compliant with the Solvent Emission Directive, the ATEX Directive and the Integrated Pollution Prevention and Control Directive (IPPC).

### Contacts

Please contact our technical service department for more help on formulating with products from the Joncryl® FLX Line.

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