

# Reaching the top level in water-based film printing

Joncryl® FLX 5220: Sustainable lamination performance



**Joncryl® FLX 5220** is the latest result of the technology evolution in water-based lamination binders: **A polyurethane – polyacrylate 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-acrylates dispersions. It achieves superior bond strength levels and very good printability at the same time.

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.

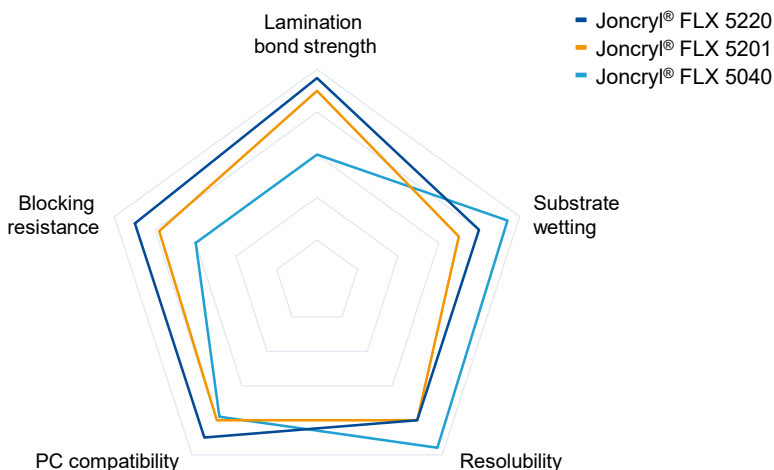
## At a glance

<b>Appearance</b>	Translucent emulsion	<b>pH</b>	8.0
<b>Solids content [%]</b>	43	<b>Brookfield viscosity at 25 °C</b>	mPa·s

## 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)

## The performance evolution of Joncryl® FLX



## 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
- Lower carbon footprint





We create chemistry



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