

# Sustainable solution for flexible food packaging

Joncryl® FLX 5201: PUD for water-based reverse printing



**Joncryl® FLX 5201** is a **polyurethane dispersion** with improved lamination bond strength for printing and lamination on films such as BOPP, PET or OPA. It is suitable for medium to high duty applications such as deepfreeze bags, dried food or coffee packaging. Joncryl® FLX 5201 is suitable for color and white inks and can be laminated with both 2K solvent less and water-based adhesives.

Excellent lamination bond strengths are obtained, while ensuring compatibility with many pigment concentrates, along with good resolubility and transfer.

## At a glance

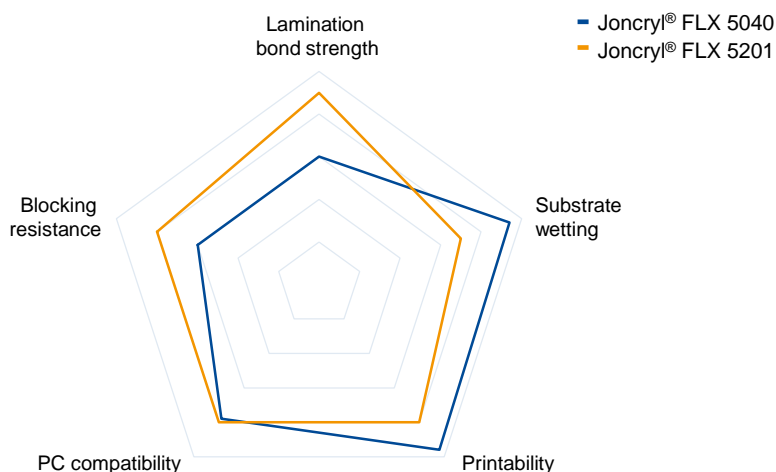
<b>Appearance</b>	Translucent emulsion	<b>pH</b>	Approx. 8.5
<b>Solids content [%]</b>	Approx. 40	<b>Viscosity [mPa·s]</b>	Approx. 80

## Joncryl® FLX water-based resins contribute to sustainability:

- Joncryl® FLX resins enable the conversion to water-based printing in flexible packaging
- No need for incineration of solvents used
- Lower ink consumption due to higher pigment loading and higher solids in the ink

Joncryl® FLX resins offer the same performance as solvent-based solutions with lower environmental impact and at lower costs.

## Key performance attributes



## Performance

- Excellent lamination bond strength on various substrates
- Good printability
- Good compatibility
- Good resolubility
- Economical thanks to exclusion of solvent addition and lower ink consumption

## Sustainability

- Water-based technology
- Broad compliance with food safety legislation
- Reduced emissions throughout the life cycle





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