

Excellent properties with the energy cure resin for water-based surface print jobs on film


Suitable for printing high end flexible packaging applications

Performance

- Excellent resistance properties
- Excellent resolubility and printability performances
- Good compatibility with different pigment concentrates
- Can be formulated as any other water-based resin

Sustainability

- Water-based technology
- Swiss list compliance
- Reduced emissions throughout the life cycle
- Reduced carbon footprint
- Improved worker's health and safety



Film substrate printed with inks based on Joncryl® FLX EB 5500

 **BASF**
We create chemistry

Joncryl® FLX EB 5500

An energy curing emulsion used in water-based inks for surface printing on film substrates

Joncryl® FLX Line products are successfully used in water-based inks for film printing applications. Due to the ongoing technology evolution of water-based surface print primers, the performance of water-based inks reaches the same level as solvent-based inks.

The Joncryl® FLX range is the market reference in water-based chemistry for flexible packaging printing. Our new surface print vehicle, Joncryl® FLX EB 5500, offers excellent dry and wet rub resistance and good heat-seal and blocking resistance in surface print jobs. Resolubility and printability properties of Joncryl® FLX EB 5500 are very good maintaining resistance properties at a high level.

The benefits of EB 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).

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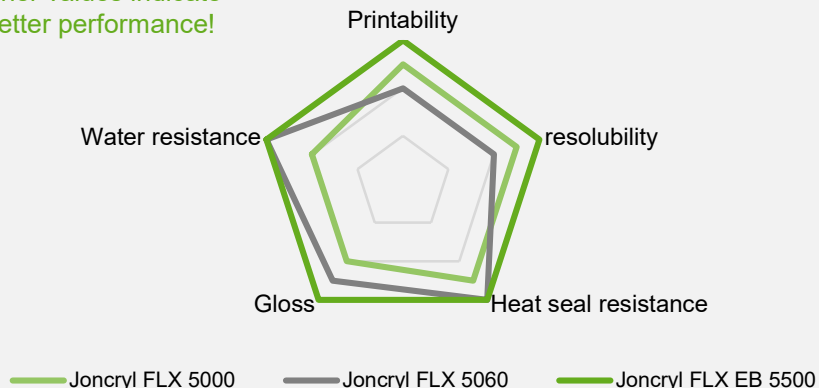
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Performance properties of Joncryl® FLX EB 5500

Higher values indicate a better performance!



Application:

With its excellent resolubility and high end resistance, we recommend Joncryl® FLX 5060 for use in general surface print jobs on PE and PP as well as for segments with high resistance requirements. Examples of applications are: shopping bags, fertilizer and deep-freeze bags, collation shrink film, dry food packaging and bundle wraps.

