



Suitable application for printing with Joncryl® BRC based inks

Joncryl® BRC: High-quality printing with bio-based materials

Supporting the next step in formulating toward a more sustainable packaging future

Performance

- Good press performance with improved resolubility / cleanability
- Excellent transfer and color strength
- Good compatibility with other BRC products as well as with standard Joncryl® technology and pigment concentrates.

Sustainability

- High content of renewable material (min. 50% on solids)
- Water-based technology
- Fossil resource savings
- Reduced carbon footprint

 **BASF**

We create chemistry

Joncryl® BRC product line

Joncryl® BRC, our new range of water-based binders, gives the opportunity to formulate inks and varnishes based partly on bio-based / renewable raw materials. The new product line contains at least 50% (on solids) **Bio Renewable Content**. Joncryl® BRC reduce the amount of fossil resources for a more sustainable packaging future.

Perfect fit for Ink & OPV for paper-based substrates with excellent printability properties

- Water-based Bio-hybrid binders
- Bio-renewable content can be confirmed via ¹⁴C analysis
- Lower environmental impact due to the lower Product Carbon Footprint compared to products fully based on fossil resources (ISO-based Life Cycle Assessments).
- Broad (direct) food contact approvals and complying with regulations like Swiss Ordinance, glycol ether free

The Joncryl® BRC range is building further on the well-established Joncryl® BRC 662, a 50% BRC containing colloidal emulsion. The BRC products are all fully compatible with each other, with Joncryl® BRC 662 as well as with standard water-based binders, pigment concentrates and additives.

| Products* | Key properties and application | Bio Renewable Content |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Joncryl® BRC 6824 | Low Tg, film forming emulsion for use in water-based flexographic and gravure inks on paper | 50% |
| Joncryl® BRC 6890 | High Tg, non-film forming emulsion for use in water based inks and overprint varnishes with high gloss | 50% |
| Joncryl® BRC 662 | BRC containing colloidal emulsion for economical inks for pre- and post-print corrugated board and (kraft) paper applications | 52% |



Contacts

North America

USA
Phone: +1 800 231-7868
dpsolutions@basf.com

Asia

China
Phone: +852 2731-0111
dispersions-pigments-asia@basf.com

Europe, Africa, West Asia

Netherlands
Phone: +31 513 619-619
resins@basf.com

South America

Brazil
Phone: +55 11 2039-2300
packaging-sa@basf.com

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