



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

Suitable application for
printing with Joncryl® BRC
based inks


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® 662, a 50% BRC containing colloidal emulsion. The BRC products are all fully compatible with each other, with Joncryl® 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 6896	Resin solution for high quality water-based pigment dispersion	64%
Joncryl® 662	BRC containing colloidal emulsion for economical inks for pre- and post-print corrugated board and (kraft) paper applications	52%



Contacts

Europe, Africa, West Asia
Netherlands
Phone: +31 513 619-619
resins@basf.com

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

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

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

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed. (07/2022)