



CHEMICAL SOLUTIONS FOR
PAPER AND PAPERBOARD

Chemical solutions for paper and paperboard



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IGCAR's paper division develops chemical solutions designed to improve the **performance, quality** and **functionality** of paper products across different industry segments.

Our technologies help optimize key paper properties such as **whiteness, visual appearance, coloration** and functional characteristics, enabling the final product to be tailored to the **technical and market requirements of each application**.

Our solutions are designed to integrate easily into standard papermaking industrial processes, **delivering stable, reproducible** and **efficient** results under different production conditions.

In addition, we work closely with our customers to develop **solutions tailored** to their **specific needs**, helping to **improve process efficiency** and **drive the development of higher value-added paper products**.



OPTICAL BRIGHTENERS

Over 30 years developing and producing optical brighteners for multiple industries.

NEUCOBLANC®

Wide range of optical brighteners developed to enhance the whiteness, brightness and visual appearance of paper and paperboard.

Their formulations increase the fluorescence intensity of the material, improving the visual appearance of paper and helping achieve the required whiteness levels across different grades and market segments.

- Application both in the stock and on the surface.
- Suitable for printing and writing paper, packaging and paperboard, tissue paper and tableware applications.
- Available in different formats and formulations: powdered OBAs, OBAs with carrier and OBAs with urea or urea-free.

IGCANOBLANC

Polymer designed to eliminate or reduce fluorescence residues in equipment, preventing deposits and defects in subsequent applications that do not contain optical brighteners.



BROWN DYES

GAMA NEUCOLOR

Range of brown dyes in liquid ready-to-use format, developed for paper and paperboard coloration. They are suitable for sized and unsized papers, as well as bleached, unbleached or mechanical pulps, enabling application across a wide variety of papermaking processes. They provide uniform, stable and high-quality coloration in the final product.

- Suitable for food contact (BfR XXXVI and FDA-ISEGA).



DIRECT YELLOW



DIRECT ORANGE



BROWN Y



BROWN D



BROWN R

BARRIER PRODUCTS

IGCAGUARD

Barrier coating solution developed for paper and paperboard packaging intended for food contact applications. Provides effective protection against water, moisture, oil and grease, ensuring food preservation and safety. Can be applied in both sizing and coating systems.

- Suitable for food contact (BfR XXXVI and FDA-ISEGA).
- Available in fluorinated and non-fluorinated versions.



COMMITTED TO PROTECTING THE PLANET

At IGCAR, we work to develop solutions that contribute to improving people's quality of life while preserving the planet's resources for future generations.

Our goal is to help improve value chains while minimizing environmental impact. Through a transparent, safe and responsible approach, we aim to deliver improvements based on the key pillars of sustainability and social responsibility.

Our products comply with REACH regulations and ISO 9001:2015, and include a selection of products certified under BfR XXXVI and FDA-ISEGA.



Impact reduction
in wastewater



Cost
optimization



Resource
savings