

Replace fossil-based chemicals with sustainable alternatives in your board and packaging

Simplify your board and packaging wet end and surface treatment product selection processes with Nouryon. Our holistic application approach and culture of continuous innovation are built upon more than 80 years of expertise in providing essential solutions to improve runnability and sustainability for both manufacturing and the end-product.

With environmental sustainability as a key driver in product innovation, CMC has become a preferred choice as a non-toxic, bio-based polymer built from renewable cellulosic raw materials. Additionally, product selection can be complicated due to unique end-product requirements. Through our biodegradable functional ingredients and concepts, we can help optimize the production process by reducing the steps, components, and total cost while creating more versatile board and packaging.

Benefits

- Sustainable alternatives to fossil-based ingredients
- Surface characteristics to enhance print quality
- 10-20% increase of internal bond strength
- Multiple barrier properties for food packaging



Ask us how we can help you achieve:

- Holistic process optimization
- Lower total cost with higher performance
- Reduced environmental impact with bio-based and biodegradable solutions

Tailored CMC performance

We have been producing CMC since the early 1940's and our extensive knowledge gives us the capability to tailor its functionality for the required applications. Our concepts utilize the multifunctionality of raw CMC material to allow for adjustments in the production process steps.

Using our **Finnfix**® and **Calexis**® CMC alone or in combination with other ingredients can help increase web strength, enable lightweighting, and obtain the required surface properties during surface treatment and wet end operations.

Contact your local Nouryon representative or distributor for detailed product information.
website | nouryon.com

Nouryon

Nouryon is a global, specialty chemicals leader. Markets and consumers worldwide rely on our essential solutions to manufacture everyday products, such as personal care, cleaning goods, paints and coatings, agriculture and food, pharmaceuticals, and building products. Furthermore, the dedication of more than 7,900 employees with a shared commitment to our customers, business growth, safety, sustainability and innovation has resulted in a consistently strong financial performance. We operate in over 80 countries around the world with a portfolio of industry-leading brands. Visit our website and follow us @Nouryon and on LinkedIn.

All information concerning our products and/or all suggestions for handling and use contained herein (including formulation and toxicity information) are offered in good faith and are believed to be reliable. However, Nouryon makes no warranty express or implied (i) as to the accuracy or sufficiency of such information and/or suggestions, (ii) as to any product's merchantability or fitness for a particular use or (iii) that any suggested use (including use in any formulation) will not infringe any patent. Nothing contained herein shall be construed as granting or extending any license under any patent. The user must determine for itself by preliminary tests or otherwise the suitability of any product and of any information contained herein (including but not limited to formulation and toxicity information) for the user's purpose. The safety of any formulations described herein has not been established. The suitability and safety of a formulation should be confirmed in all respects by the user prior to use. The information contained herein supersedes all previously issued bulletins on the subject matter covered.

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