

Growing greener together?

Are you a producer of cellulosic residual flows that are still being incinerated and do you want to further reduce your waste costs?

Or do you see opportunities in the application of Recell® Cellulose 3.0 in your products?

Send us a message via the contact page on www.recell.nl. Or call us: 31 (0) 850 711 925. We would like to get to know you and your wishes!

Recell®

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RECELL® CELLULOSE 3.0

The newest generation of
cellulose that greens
entire supply chains

Recell®

Recell extracts cellulose from complex waste streams that would otherwise have been incinerated. To that end, we use the proven Cellvation® technology. We subsequently add unique properties to the tertiary, biobased cellulose that becomes available. This 'upcycling' makes Recell® Cellulose 3.0 a valuable raw material for applications in infrastructure, construction and chemical industry. It can be used in biocomposites, as a replacement for steel and concrete and it is a future-proof alternative to fossil oil and gas in chemical industries. Using Cellulose 3.0 reduces your CO2 footprint with giant steps:

1 ton of Recell® Cellulose 3.0 reduces 2 tons of CO2!

Recell® infra

- In products such as signage, fencing, sheeting, street furniture, traffic signs, street lighting.
- In various asphalt applications, including roads and paths.

Recell® compose

- As raw material for injection molding and extrusion (including 3D printing), tree protectors, packaging for plants.
- In building materials such as (facade) cladding, doors, window frames, paints, adhesives, decking boards, insulation and as an additive in concrete.
- Additive in the automotive industry.

Recell® chem

- An alternative to fossil oil and gas.
- Raw material for products manufactured with natural fermentation processes (acetic acid, glucose, bioplastic, bioethanol, etc.).

CO2 certificates

Using Recell also provides you with CO2 certificates. We use internationally recognized LCA software to calculate your improved CO2 footprint.

Cellulose sources

Cellulose is found in products made with plants and wood as raw materials. Think, for example, of paper, cardboard and textiles for which trees have to be cut down or plants have to be grown. For Recell® Cellulose 3.0 we use various complex cellulose residual flows that would otherwise remain unused. Consequently, the originally used cellulose is given a second, sometimes even a third life.

Win win

As a supplying customer you can save considerably on your operating expenses by using Cellulose 3.0, because you diminish your residual flows. And at the same time you reduce your carbon footprint. Would you like to know whether your waste streams have the potential to be used again? Please feel free to contact us!

Applications for Recell® Cellulose 3.0

A lot is possible with Cellulose 3.0. Our R&D, in close collaboration with customers, has developed applications that replace other - polluting - raw materials. You could also think of using Recell to significantly improve the quality of the end product. In all cases it leads to a considerably lower carbon footprint, tradable CO2 certificates and often to considerable savings.

