



PURE FACTS

Cardyon®
Brighter use
of CO₂

Contents



Sustainability
at Covestro



Customer
benefits

Less oil, better air:
Turning CO₂ into a
raw material



Cardyon® is an innovative raw material for the production of high quality polyurethanes. It is made with CO₂ (up to 20%) – a raw material which is both abundant and available as a chemical feedstock.

Cardyon® represents a breakthrough innovation which enables manufacturers to look at alternative and more sustainable raw materials while reducing their reliance on fossil fuels.



Sustainability at Covestro

Sustainability is embedded into every element of our business strategy. We continuously look at ways to preserve the planet, while improving the quality of life and safety of millions of people around the world. Several products developed by us address the challenges of climate change and its impact on the environment.



With **cardyon**® we are providing the industry with a more sustainable solution by using CO₂, an industrial waste gas, as a new and useful raw material feedstock. We are also broadening its raw material base beyond fossil hydrocarbons and bio-based raw materials by bringing CO₂ back into the value chain and helping to close the carbon loop.

Our vision is to drive a new perspective within the industry and beyond on value creation through carbon. **Cardyon**® sets new standards in cutting-edge technology and future-proof products.

'Our vision is to drive a new perspective within the industry and beyond on value creation through carbon.'





Customer benefits

Using cardyon®:

- Demonstrates your commitment to sustainability and the future of our planet
- Helps close the carbon loop by bringing CO₂ back into the value chain
- Reduces the use of scarce fossil resources, such as crude oil, to ease the pressure on our planet's resources
- Helps position your company as an innovative frontrunner
- Means using an award-winning new raw material, produced with leading-edge innovative technology

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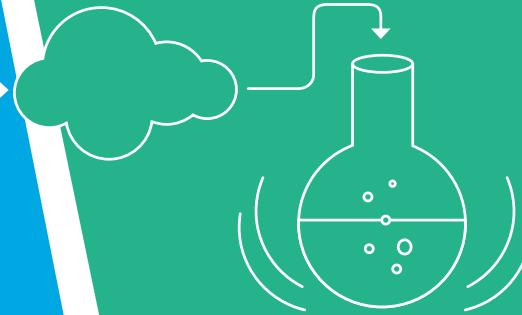
To find out more about cardyon®, please visit:

www.cardyon.covestro.com

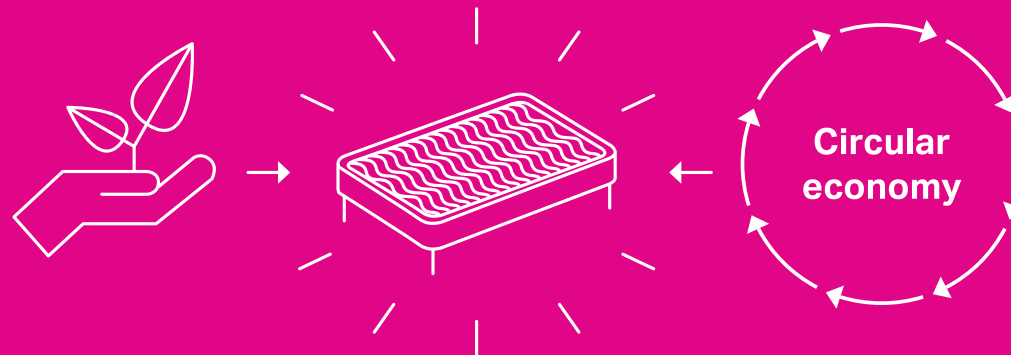


Less oil,
better air:
Turning CO₂
into a raw
material

We have developed
an innovative
technology
enabling carbon
capture and
utilization by partly
substituting oil-
based raw materials
with CO₂.



Cardyon® is a
breakthrough raw
material for the
production of high
quality flexible foams
and other dynamic
solutions.



Circular economy

Cardyon® brings CO₂ back into the value chain.
It broadens the raw material base beyond carbon and supports the circular
economy through sustainable development.





'Cardyon® is a breakthrough raw material for the production of high quality flexible foams and other dynamic solutions.'



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