



rEPS

Manufacturer of highly specialized plastic fibres

SUCCESSFUL SWITCH TO rEPS

Indorama Ventures is a leader in the production of highly specialized plastic fibres that are used in safety-relevant applications such as airbags, seat belts and tires. The Obernburg-based company supplies well-known customers from the automotive, textile and construction industries.

PRODUCTS: Specialized plastic fibres that are used in safety-relevant applications

SCOPE: rEPS sheets
(Protective packaging made of 100% recycled expanded polystyrene)

"The project shows how well the circular economy can work and at the same time supports our customer's sustainability strategy."

**CLEMENS MAIER,
SALES MANAGER PACKAGING &
TECHNICAL PARTS MOLDING DIVISION**

CHALLENGE – GREATER SUSTAINABILITY

For years, EPS sheets from Storopack were used to transport the sensitive yarn spools containing the plastic fibers. With a growing focus on sustainability, Indorama Ventures thought about a new and more environmentally friendly alternative.



PERFECT PROTECTIVE PACKAGING

SOLUTION - 100% rEPS PARTS FROM STOROPACK

As the first industrial supplier of 100% rEPS parts, we were able to make a winning case with our innovative, resource-efficient packaging solution – thanks to our partnership of many years. The material offers the same protective performance as conventional EPS, but is characterized by a significantly improved environmental footprint, as the analysis by our Life Cycle Assessment Tool shows. The perforated panels made of rEPS for Indorama Ventures consume around 30% less CO₂ and only half the amount of water compared to perforated panels made of EPS. With rEPS, we are setting new standards in sustainable transport packaging - and at the same time strengthening the future viability of our customers.

In addition to the environmental aspect, Storopack also stands out thanks to its high process reliability and series maturity. Thanks to regular deliveries and the take-back system offered by Storopack, in which the used rEPS packaging is directly taken back and recycled, a closed material cycle is guaranteed.



50%
less water*

30%
less CO₂*

RESULT - IMPROVEMENT IN SUSTAINABILITY

rEPS offers a significant improvement in sustainability for Indorama Ventures. It ensures stable process reliability and consistently high packaging quality. By utilizing recycled raw materials, it enables savings on new material consumption. Additionally, the packaging can be reused multiple times and is fully recycled afterward—without any loss of quality.

*compared to EPS

STOROPACK - PERFECT PROTECTIVE PACKAGING

Wherever in the world you send your products, we want them to be well protected while in transit.

ALL BASES COVERED

We at Storopack would like to offer our customers the very best, which is why we set great store by the ability to listen, comprehensive consulting, and long-term services across all sectors. Our products and solutions are tailored specifically to your requirements. We support you until you achieve the ideal results and even beyond – locally around the world.

 **More about rEPS:** www.storopack.de/reps

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