

## MATERIAL SHEET



CELOOPS® / January 2024

## CELOOPS®

Range of foam solutions from post-consumer plastic waste

### ADVANTAGES OF CELOOPS®

- Alternative solution to fossil-based EPS, **in favour of the circular economy**
- Preserves feedstock resources
- Recyclable through existing EPS channels including KNAUF Circular®
- Suitable for food contact

### CHARACTERISTICS

- For the production of CELOOPS® products, fossil resources have been replaced by **certified raw materials derived from the recycling of post-consumer plastic waste**
- Offers the same technical characteristics as EPS (*colour, thermal and mechanical resistance, shock absorption or other on request*)
- Product and process certified REDcert<sup>2</sup>\* by TÜV using the mass balance method

\*REDcert<sup>2</sup> is a certification system of material flows in the chemical industry

### For all types of packaging

(Fish boxes, protection wedges, corners...)  
& technical parts

Seafood platters



Corners



**Become a player  
in the circular economy  
with CELOOPS® !**

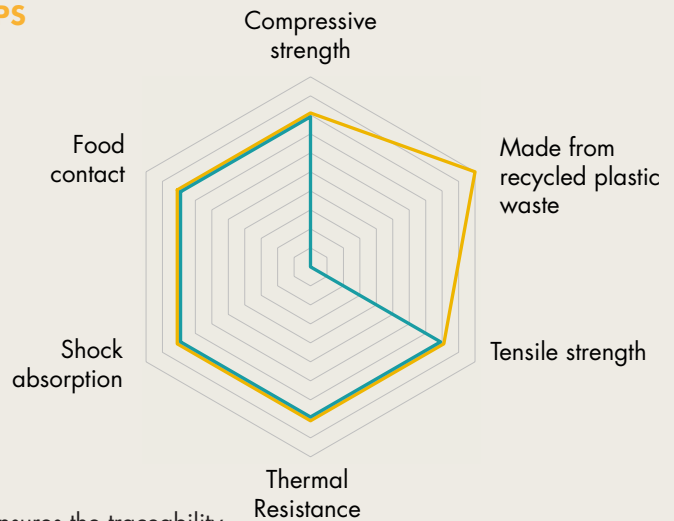


## CERTIFIED MATERIAL SOLUTION RANGE, FROM POST-CONSUMER PLASTIC WASTE

### ■ TECHNICAL PERFORMANCE IDENTICAL TO THE EPS

- Different material grades are available depending on the performance required: thermal, shock absorption and food contact.
- CELOOPS® reduces the use of feedstocks.
- CELOOPS® products should be disposed of in the local waste bin\* or in other existing EPS channels including KNAUF Circular®.

\*depending on local specificities



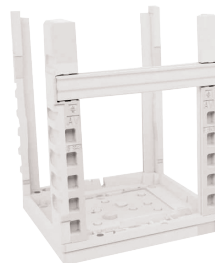
### ■ THE MASS BALANCE APPROACH

- The *Mass Balance* approach is a control chain process that ensures the traceability of material flows throughout the supply chain.

It is recognised by the Ellen MacArthur Foundation as a solution in favour of the circular economy and has been used for over 20 years in many industrial sectors: *energy, food, packaging, paper, wood, textiles, etc.*

- In the case of CELOOPS®, the resource used comes from post-consumer recycled plastic waste. The entire value chain is certified, from the resource used to the manufacturing process. Certification of each stage enables us to obtain a product certificate issued by REDcert².

Ideal for packaging  
food products...



...and protection of industrial products



**IDlab** AT THE SERVICE OF CUSTOMERS

ID lab is the partner of choice to innovate and co-develop your products or your solution.

In collaboration with our suppliers, we are committed to offering packaging solutions that contribute to the circular economy, focusing on the search for alternative materials with a reduced environmental impact, eco-design and end-of-life management. **Discover our range of materials in favor of the circular economy.**

WOULD YOU LIKE TO INTEGRATE OUR  
SOLUTIONS INTO YOUR PROJECTS?

Ask your Knauf Industries contact for advice.

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