

## MATERIAL SHEET



RELOOPS® / January 2024

## RELOOPS®

EPS solutions range containing recycled polystyrene

### ADVANTAGES OF RELOOPS®

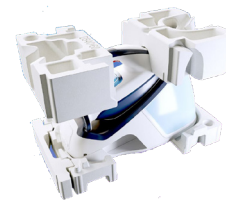
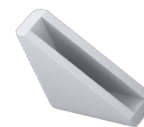
- Alternative solution to fossil-based EPS, **in favour of the circular economy**
- **Preserves feedstock resources**
- **Recyclable through existing EPS channels including KNAUF Circular®**

### CHARACTERISTICS

- Manufactured by mechanical recycling of pre-consumer and post-consumer **PS** or **EPS waste**
- **Technical characteristics comparable to those of EPS** (thermal and mechanical resistance, shock absorption or other on request)
- Certification of the recycled content

**Applications:** industrial packaging, technical parts and insulation

Industrial wedges and cushions



Protective packaging

**Become a player  
in the circular economy  
with RELOOPS !**

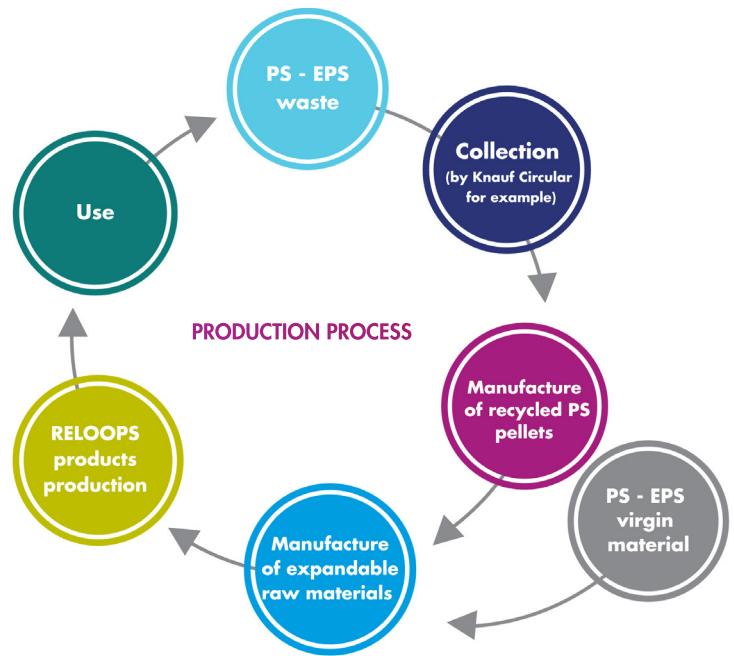


# RELOOPS

## RANGE OF SOLUTIONS ALTERNATIVE TO EPS, CONTAINING RECYCLED PS & EPS

RELOOPS® contributes to the circular economy by reducing the need of feestock. RELOOPS® is **recyclable** and products should be disposed of in the local waste bin\* or in other existing EPS channels including KNAUF Circular®

\*according to local specifications



	Fossil-based EPS	Range of RELOOPS® solutions	
% Recycled material	0 %	10 %	35 %
Parts manufacture	Moulding, cutting	Cutting	Moulding, cutting
Applications	Packaging, industrial technical parts and insulation	Packaging (excluding food contact), industrial cushioning, technical parts and insulation	Packaging (excluding food contact), industrial cushioning, technical parts and insulation
Mechanical performance	+++	+++	++
Color	white	grey	grey-beige
Certification of % recycled content	n.a	yes	yes

Boiler packaging



### EXAMPLE OF MATERIAL SAVING WITH RELOOPS®

For a boiler manufactured at a rate of 100,000 units per year, the use of RELOOPS® protective packaging with 35% recycled content **saves 35 tonnes** per year of raw material from fossil feedstock.

WOULD YOU LIKE TO INTEGRATE OUR SOLUTIONS INTO YOUR PROJECTS?  
Ask your Knauf Industries contact for advice.

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