

MATERIAL SHEET

NEW



RELOOPP

RELOOPP® / February 2024

RELOOPP®

EPP* solutions range containing recycled polypropylene

ADVANTAGES OF RELOOPP®

- Alternative solution to fossil-based EPP, in favour of the circular economy
- Preserves feedstocks resources
- Recyclable through existing industrial EPP channels

CHARACTERISTICS

- Manufactured by mechanical recycling of post-consumer EPP waste
- Same technical characteristics to those of EPP (*thermal and mechanical resistance, shock absorption or other on request*) - except for one grade
- For industry, logistics, HVAC+R and automotive applications
- RELOOPP® products are lightweight, easy to handle and reusable

* Expanded PolyPropylene

For all types of technical parts & packaging
(protective wedges, corners...)



Rotation packaging

Protective cushioning

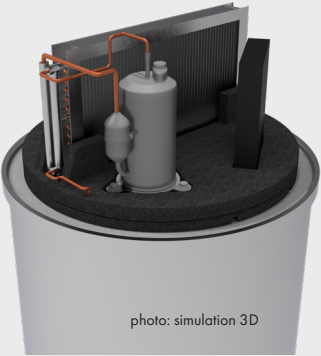
Automotive protection part

Become a player
in the circular economy
with RELOOPP!



RELOOPP

RANGE OF EPP ALTERNATIVE SOLUTIONS, CONTAINING RECYCLED MATERIAL, FROM POST-CONSUMER EPP WASTE



EXAMPLE OF RELOOPP® BENEFITS

For a boiler manufactured at a rate of 100,000 units per year, the use of RELOOPP® parts made from 30% recycled material saves around **43 tonnes of raw material derived from fossil feedstocks** per year.

- RELOOPP® contributes **to the circular economy** by reducing the need of feedstock and can be recycled in existing industrial EPP channels.
- RELOOPP® products are **lightweight, reusable and ergonomic**. They protect people's health during handling operations by reducing loads.



	EPP	Range of RELOOPP® solutions		
% recycled material	0 %	15 %	25 - 30 %	90 %
Applications	Packaging (excluding food contact) & technical parts for Industry, HVAC, Automotive	Packaging (excluding food contact) & technical parts for Industry, HVAC, Automotive	Packaging (excluding food contact) & technical parts for Industry, HVAC, Automotive	Packaging (excluding food contact) & technical parts for Industry, HVAC, Automotive
Mechanical performance	+++	+++	+++	++
Color	Grey	Light green	Black	Black
Origin of recycled content	n.a	Maritime waste	EPP post-consumer waste	EPP post-consumer waste

WOULD YOU LIKE TO INTEGRATE OUR SOLUTIONS INTO YOUR PROJECTS?

Ask your Knauf Industries contact for advice.

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