

MATERIAL SHEET



NEOPS

NEOPS® / September 2022

NEOPS®

The first certified foam from renewable resources

THE NEOPS® PLUS POINTS

- Material **certified from biomass resources** (green waste)
- **Alternative** to the fossil (petroleum) resource
- **CO₂ emissions reduced by** at least 30%
- **100% recyclable** in EPS channels (sorting bins, waste sorting centers, collection points) and **KNAUF Circular®**
- **Different grades available** (food contact, flame retardant and insulation)
- **Registered trademark** promoting communication towards the end consumer

CHARACTERISTICS

- **Appearance and technical characteristics similar** to expanded PS foam performances (EPS)
- Product and process certified REDcert² by the TÜV

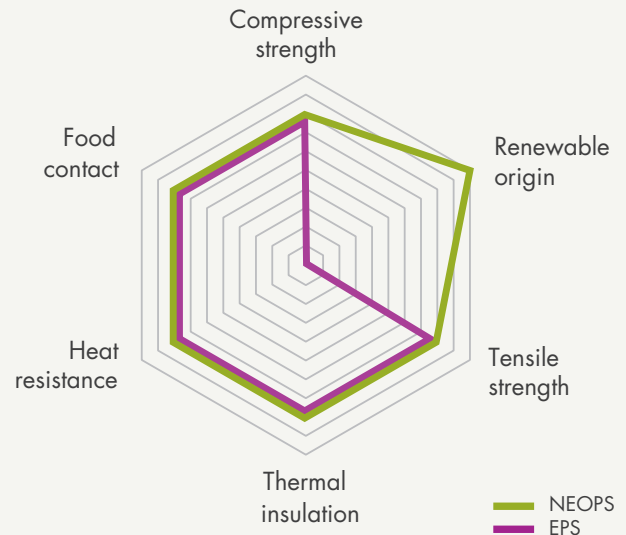


A CERTIFIED SOLUTION IN FAVOUR OF THE CIRCULAR ECONOMY OF PLASTICS

■ TECHNICAL CHARACTERISTICS SIMILAR TO EPS BUT WITH A BETTER ENVIRONMENTAL IMPACT

Different grades available:

food contact, flame retardant and insulation



■ THE BIOMASS BALANCE CONCEPT



The fossil resources to manufacture EPS are replaced by renewable resources.



A MATERIAL INNOVATION BY KNAUF INDUSTRIES

- NEOPS® foam material is **the result of a collaboration** between our Innovation & Development Lab (ID lab) and the raw material manufacturers
- NEOPS® is certified according to **REDcert²** (standard about the use of sustainable biomass in the chemical industry) and is produced using renewable resources (green waste) according to the **Mass Balance method****.
- This material innovation provides **a solution to the circular economy**, thanks to the non-fossil origin and the reduction of the greenhouse gas emissions (CO₂).

**The Ellen MacArthur Foundation recognizes the Mass Balance method as a solution to the circular economy.

WOULD YOU LIKE TO INTEGRATE OUR SOLUTIONS INTO YOUR PROJECTS?

Ask your Knauf Industries contact for advice.

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