

SCANDIFILL

SCANFILL is the future in packaging materials

- Saves on earth resources
- Fully recyclable
- Simple to produce with
- More efficient production

SCANFILL saves on earth resources



Humanity has spent more resources during the last decades, than it has done during its entire previous existence.

SCANFILL is fully recyclable



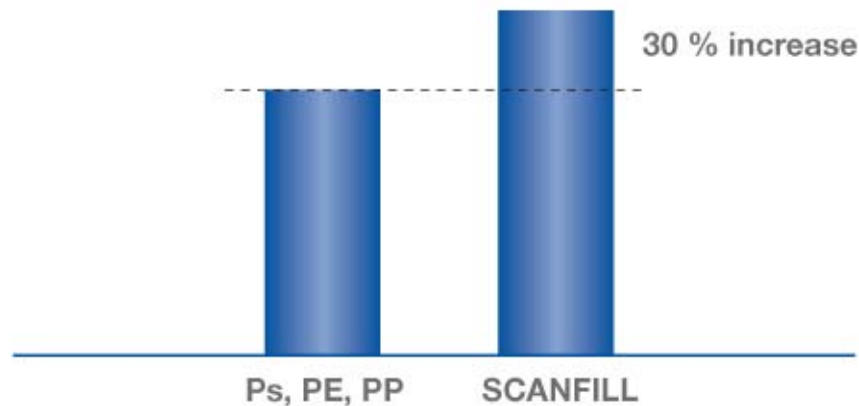
Polyethylene + calcium carbonate
=
Easy to recycle

SCANFILL is less complicated to produce with

$$1 + 1 = 4$$

Can replace more expensive/complicated materials and at the same time simplify your production.

SCANFILL brings a more efficient production



The production can be increased by 30% compared to using materials such as PS, PE or PP.

SCANFILL is a UV-barrier



Compared to competing materials, SCANFILL will prolong the shelf-life of the product.

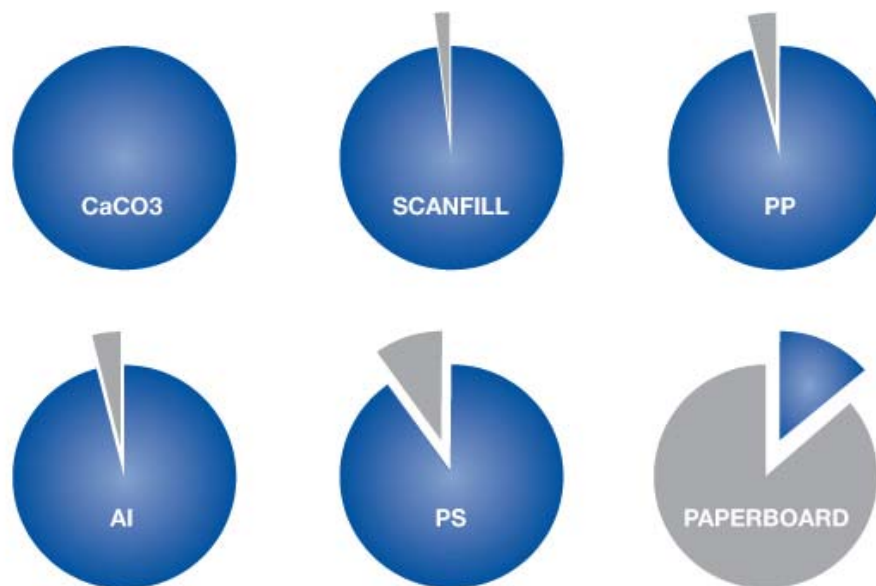
Comparison between SCANFILL and other packaging materials

Barrier property	★★★★	★	★	★★★	★★★★
Density	---	--	--	-	--
Fat resistance	★★★★	○	○	★★	★★
Form stability	○	★★	★★	★	○
Moisture resistance	★★★★	★★★	★★	★	★★★
Gas/oxygen barrier	★★★★	★	★	★★	-
Light permeability	-	★★★★★	★★★★★	★★	★★★★★
Solvent	★★	○	○	★★★★★	○
Microwave property	★★★★	★★	★	★★	★★★★
Process property	★	★	○	○	
Tear properties	--	★★	★★	★★	★★★
Taste influence	★★	★★	★	★★	○
Stiffness	○	★★★	★★	-	-
Pressure property	-		★	○	★
Folding property	○	★★★★★	★★★★★	★★★★	★★★★★
Heat stability			★	★★	★
	Carton	PE	PP	PS	PET

★ Advantage of SCANFILL
 ○ Equal
 - Disadvantage of SCANFILL

SCANFILL's environmental impact

Quantity of polluted water from producing
1 kg of the following materials

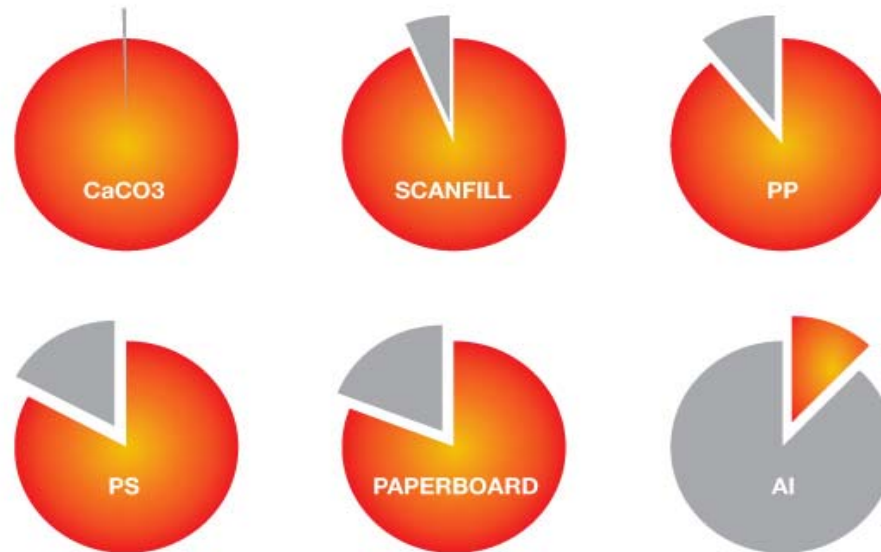


1 kg production.
Amount of water 0-50 l.

■ Clean water
■ Polluted water

SCANFILL's environmental impact

Consumption of energy when producing 1kg of the following materials



1 kg production.
Amount of energy 0-250 MJ.

■ Energy
■ Consumed energy

SCANFILL is better for the environment



The waste generated during production of SCANFILL is much less compared to production of competing materials.

Together we can work towards sustainability!



Polykemi contact information

Sales information: Lars Hugosson

lars.hugosson@polykemi.se

+46 (0)411-79704

Technical information: Karl Banke

karl.banke@polykemi.se

+46 (0)411-79741

SCANFILL - *Future's packaging material*