

Reduce your CO₂ emissions by using PCR

Versions:

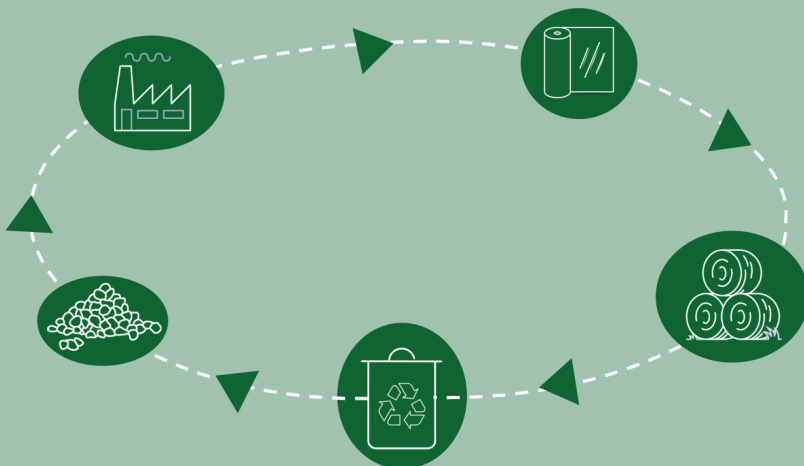
- **DUO EARTH 4 (30% PCR, colored)**
 - PCR from agriculture
- **DUO EARTH 5 (35% PCR, transparent)**
 - PCR from industrial application
- **DUO EARTH 6 (50% PCR, transparent)**
 - PCR from industrial application
- **DUO EARTH 6 (65% PCR, transparent)**
 - PCR from industrial application



Industries:

- Logistics and shipping
- Production and manufacturing
- Food and beverage
- Chemistry
- Construction
- Retail
- Pharmacy and healthcare

Close the Loop



DUO EARTH contains Post Consumer Recycling (PCR) according to DIN EN ISO 14021 - already used recycled stuff. The material is collected in industrial processes (e.g. retail) and mechanically recycled.

The granulated material is then used in our EARTH films - furthermore, requirements for traceability and transparency of recycled plastic content set by **Recyclass**, are fulfilled.

Conservation of resources through the use of post-consumer recyclates



**Up to
65% PCR**

**Fulfilment of
the PPWR**

**Low CO₂-
footprint**

**Absolutely
smooth
exterior**

**Optimal
holding forces**

- **Sustainability:** Our DUO EARTH portfolio supports companies shape their transport packaging more sustainable. Different versions enable a high level of flexibility and can be optimally adapted to your machine technology.
- **Blown film:** The high quality and absolutely smooth outside of the PCR-film allow a trouble-free processing without film-breaks - additionally without interruptions during the loading process.
- **Certification:** DUO PLAST has a RecyClass Certification – the origin of our PCR can be completely authenticated.

TECHNICAL FEATURES

Variation	DUO EARTH 4 (30% PCR)	DUO EARTH 5 (35% PCR)	DUO EARTH 6 (50% PCR)	DUO EARTH 6 (65% PCR)
Film thickness / prestretch ratio	15 µm / 200% 17 µm / 250% 20 µm / 275% 23 µm / 300%	15 µm / 200% 17 µm / 250% 20 µm / 275% 23 µm / 300%	17 µm / 175% 20 µm / 200% 23 µm / 250%	17 µm / 150% 20 µm / 180% 23 µm / 200%
Recyclable	100%			
Reduction of CO ₂ emission*	-20%	-20%	-35%	-45%
Transparency	+/- (beige)	++	++	++
Printable	✓	✓	✓	✓
Colored		✓		
UV-stabilisation		✓		
Antistatic		✓		
With double edge	✓	✓		

*The CO₂-saving is the comparison with a stretch film made from new material for 1 kg of material.