



We create chemistry

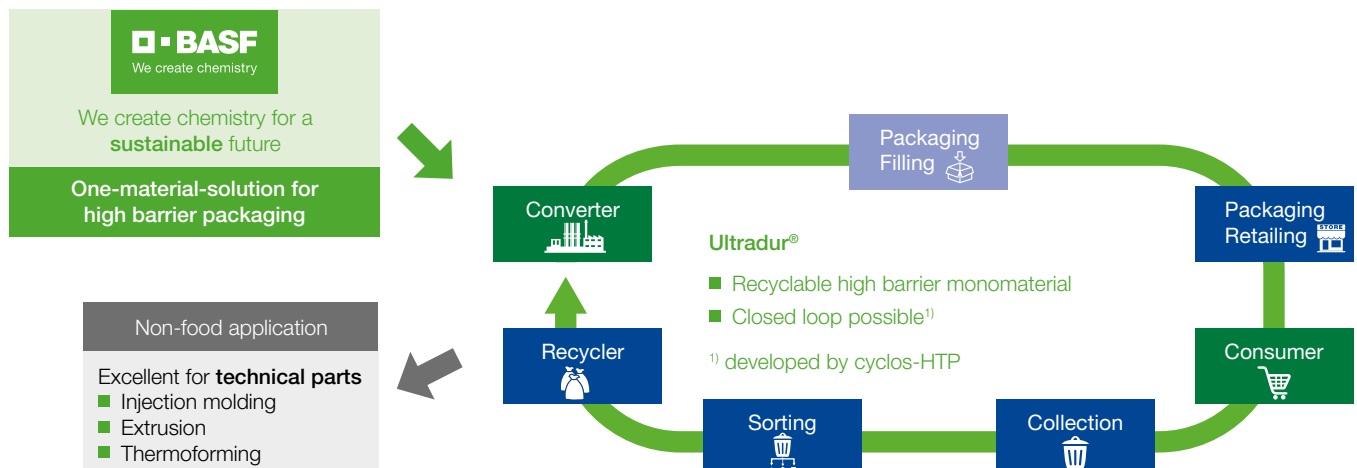
Ultradur® – the solution for sustainable packaging



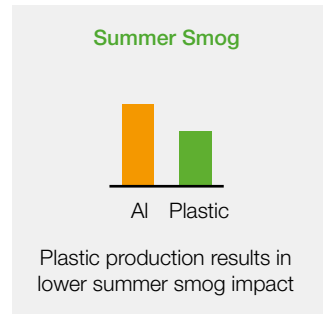
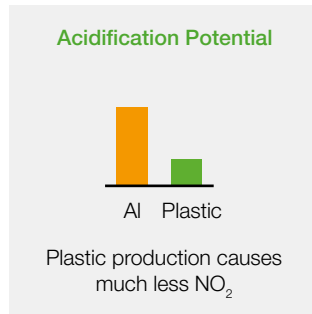
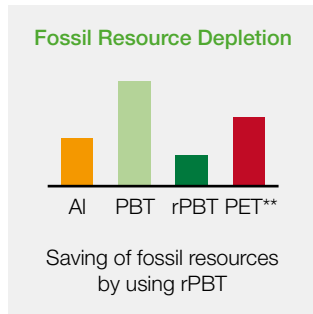
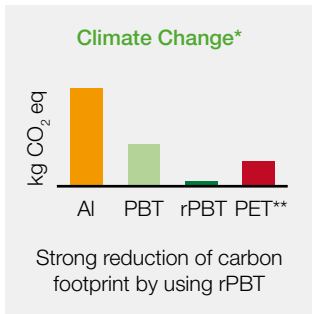
The world's first thermoformable Ultradur® grade for high barrier packaging

Regulations are setting the framework for the packaging industry in combination with the public awareness and request for transparency during the whole production process up until the sustainable end-of-life performance of every manufactured good.

The **monomaterial Ultradur®** for thin wall food packaging enables a **mechanical recycling** concept. On top, the excellent barrier properties extend the shelf life which leads to reduced food waste and transport costs. The excellent mechanical properties allow very thin wall geometries. All this makes **Ultradur® a sustainable alternative** to PET/PO solutions and aluminum.



Life Cycle Impact Assessment – Cradle to Gate



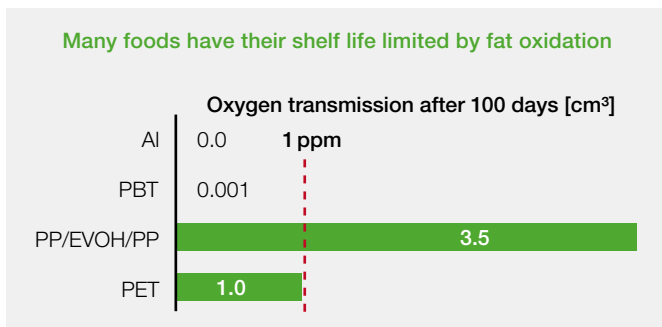
* Source: Plastics Europe, ALPLA, Sphera
 **monomaterial comparable to multilayer PET Packaging

Key properties:

- High melting point
- Fast crystallization
- High dimensional stability
- Good flowability
- Oxygen and water vapor barrier
- Good electric properties
- Perfect fit for numerous applications

Recyclability		
Ultradur®	Aluminum	PET/EVOH composite
closed loop possible	no closed loop	non recyclable

Excellent barrier properties



Extended shelf life results in: reduced food waste, transport costs and extending export destinations

For technical queries relating to Ultradur® please contact:

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