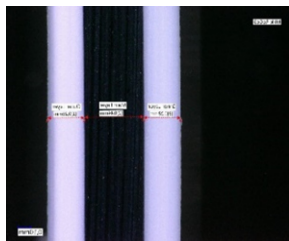


# CoEx

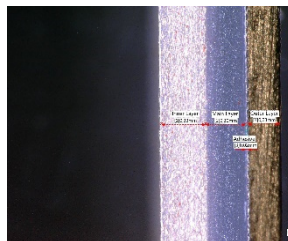
ReCo with Black Main Layer



**Outer Layer:** HDPE +  
**Masterbatch:** 8%  
Fibaplast White  
**Main Layer:** HDPE +  
**Masterbatch:** 2%  
Fibaplast Black  
**Inner Layer:** HDPE +  
**Masterbatch:** 4%  
Fibaplast White

Containers with a black middle layer absorb both visible and UV light. This keeps products fresh and extends their shelf life.

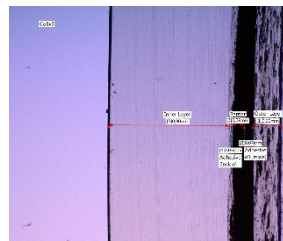
CoEx 4 with Special Effect



**Outer Layer:** EVOH  
**Adhesive Inner Layer:**  
PP Adhesive  
**Main Layer:** PP  
**Inner Layer:** PP +  
**Masterbatch:** 15%  
Fibaplast Red

In this bottle, EVOH in the outer layer is giving a Deep Gloss Special Effect.  
CoEx 4 is a commonly used solution for agrochemical applications and fresh juices.

CoEx 5



**Outer Layer:** MDPE + 50%  
Compound Fibafekt  
Glittering Blue  
**Adhesive Outer Layer:** PE  
Adhesive + **Masterbatch:**  
2% Fibaplast Black  
**Barrier:** EVOH  
**Adhesive Inner Layer:** PE  
Adhesive  
**Inner Layer:** LDPE

CoEx 5 is used for sensitive food and pharmaceutical applications, where recycled materials cannot be used.

CoEx 6



**Outer Layer:** MDPE + 50%  
Compound Fibafekt Copper  
**Main Layer:** LDPE + Regrid  
+ **Masterbatch:** 2%  
Fibaplast Black  
**Adhesive Outer Layer:** PE  
Adhesive  
**Barrier:** EVOH  
**Adhesive Inner Layer:** PE  
Adhesive  
**Inner Layer:** LDPE

CoEx 6 is a great solution for food and chemical applications, protecting the contents and incorporating recycled materials.

**Co-Extrusion allows diverse applications for a wide range of products. Regrid layers save resources and provide cost savings, while barrier layers protect your content and the environment and extend the shelf life.**

# Sustainability

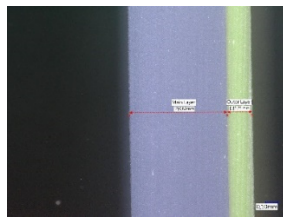
Mono-Layer Bio-Based Material



**Main Layer:** PP/PE +  
**Masterbatch:** 5%  
Fibaplast pearlescent

Save fossil fuels with bio-based plastics. Food industry approved.

DeCo - Inner Layer with PCR

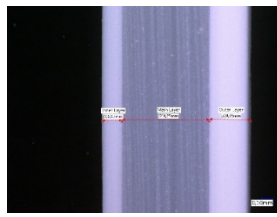


**Outer Layer:** HDPE-PCR  
rH5402 + **Masterbatch:**  
5% Fibaplast Green  
**Main Layer:** HDPE-PCR

PCR is reducing the need for virgin fossil-based materials and masterbatch resulting in cost savings. A thin outer layer with masterbatch is saving color.

*\*Please note: This bottle is not suited for food & personal care products.*

ReCo - Main Layer with PCR

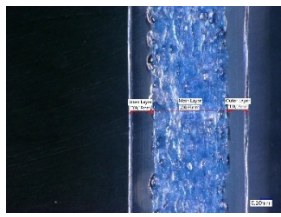


**Outer Layer:** HDPE +  
**Masterbatch:** 8%  
Fibaplast White  
**Main Layer:** HDPE-PCR  
QCP5603, Grey Plus  
**Inner Layer:** HDPE +  
**Masterbatch:** 5%  
Fibaplast White

PCR is reducing the need for virgin fossil-based materials and masterbatch resulting in cost savings.

*\*Please note: This bottle is not suited for food & personal care products.*

ReCo - Foamed Main Layer



**Outer Layer:** LDPE  
**Main Layer:**  
Physically foamed  
LDPE + **Masterbatch:**  
2% Fibaplast Blue  
**Inner Layer:** LDPE

Using foam is saving resources; Foamed containers are lighter and less material is needed.

# Eye-Catcher

Laser marked  
Mono- Layer



**Main Layer:** HDPE +  
**Masterbatch:** 8%  
Fibaplast Green

New level of customization!  
personalization of every container is possible.

DeCo with  
Gradient



**Outer Layer:** PP +  
**Masterbatch:** 8%  
Fibaplast White  
**Inner Layer:** PP

Great effect to show the content and catchy colors nevertheless or to fade different colors.

Glass Effect



**Main Layer:**  
Copolyester

Same appearance as glass, but lighter and stronger, meaning lower transportation costs, breakages, and CO<sup>2</sup> usage.

DeCo with Glitter



**Outer Layer:** MDPE +  
50% Compound  
Fibafekt Glittering  
Green  
**Inner Layer:** LDPE +  
**Masterbatch:** 2%  
Fibaplast Black

Special colors and effects are very expensive. DeCo reduces usage of these materials to a thin outer-layer, resulting in material and cost savings.