



UPM Raflatac

Sustainable solutions that enable you to reach beyond targets to Reduce, Recycle and Renew

Leo Jin

January 2021

Outline- sustainable product solutions



PCR face stock
Paper & films



**Alternative
fibers**



PCR PET liner



Forest films

POST-CONSUMER RECYCLED (PCR) PAPER

FOR VARIOUS APPLICATIONS



- Rustrel PCR ice premium-FSC (100% PCR)
- Ronda PCR ice premium-FSC (100% PCR) – qualified in EU
- Nature White PCR-FSC (30% PCR)
- Nature Sand PCR-FSC (recycled pulp and leather residues)
- Nature Cloud PCR-FSC (coffee cups)
- ENVI PCW100 (100% PCR)
- Recycled coat PCR-FSC (99% PCR)

- Suitable for all printing techniques including HP indigo

PCR Films



PE PCR WHITE TC 85
(HMF/RP37/GHC)

30% post consumer recycled content
and minimum 55% post industrial
waste



PP PCR CLEAR FTC 50
(HPN/RP37/GHC) - 96% PCR
PP PCR WHITE FTC 60
(HQL/RP37/GHC) – 87% PCR

Max degree of PCR%. Only essential virgin
materials have been used, such as additives,
top coat and pigments



PET23 and PET30 PCR
“VANISH TC PCR”

90% PCR

Alternative fibers

A. Cotton fiber:

- Sabrage (off white) and Sabrage de Blanc (bright white) – 100% cotton fibers

B. Bagasse fiber:

- Bagasse (off white) – 100% bagasse fiber

C. Bamboo fiber (new addition):

- Nature White Bamboo (white) – 50% bamboo fiber

D. Hemp fiber (new addition):

- 30% hemp fiber and 70% PCR fiber.

- Suitable for all printing techniques including HP indigo (only Bagasse not HP friendly)

PCR PET30 liner



30% PCR content, technical features almost identical to virgin PET

Phase 1:

Products transitioning to PCR PET30 liner:

1. Cool White / RF30/ PCR PET30
2. Chateau Enh/RF30/PCR PET30

Suitable for all printing techniques including HP indigo





UPM Raflatac Forest Film™



No fossil-based raw material -
only renewable content.

Supports Circular Economy



World First wood-based PP

UPM's BioVerno naphtha



Identical **performance**
and **recyclability** to
fossil-based PP

Clear & White

UPM **BIOFORE-BEYOND** FOSSILS

UPM **BIOFORE**
BEYOND FOSSILS

