



PET Application Based Formulated Solutions



Current Barrier Bottle

Typical Structure: PET + MXD6 or PET + EVOH

Production: Multi-Layer ISMB

Challenges:

- Lack of Recyclability
- Limited Recycled Contents
- High Oxygen Barrier Required



End Markets



Sauces



Fresh Juice



Wine



Beer

Proposed Formulated Solutions

rPET + vPET Resin

MVI Modifier

Oxygen Scavenger

Typical Structure: rPET + MVI + vPET + Oxygen Scavenger MB

Production: Single Layer ISBM

Results:

- High barrier Mono material bottle containing recycled content
- Recyclable in PET stream, while maintaining performance

