

## N-IR Black Masterbatch


*Deep Black. Bright Future.*

Black packaging doesn't have to mean the end of a recycling journey. Coraplast NIR Black allows brand owners and converters to choose bold, deep-black packaging while keeping it fully visible to NIR sorting systems—returning more plastics to the loop, cutting landfill waste, and advancing the circular economy.

### Why it matters

- Enables **closed-loop recycling** of black plastic.
- Meets **sustainability goals** and regulatory requirements.
- Reduces waste management cost and resource loss.
- No major change to processing methods.

### Key Advantages

-  **NIR Detectable** – Accurate sorting into correct polymer streams.
-  **Jet Black Performance** – Deep color with excellent dispersion.
-  **Versatile Compatibility** – PET, polyolefins, PCR, and more.
-  **Food Contact Approved** – Meets global standards.
-  **Process-Friendly** – Extrusion, injection moulding, blow moulding, thermoforming.
-  **Sustainable Choice** – Supports ESG targets, reduces landfill.



*Because every shade of black can have a green side.*

## Applications

### Food & beverage trays



### Caps & closures



### Cosmetic jars



### Consumer goods



### Personal care



## Grades Recommendations

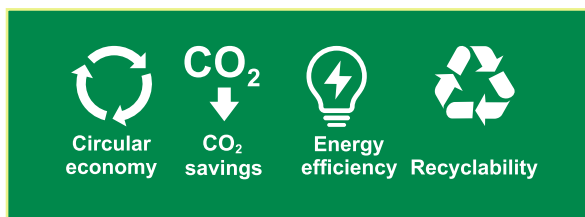
- Black 344 MD for Polyolefins
- Black 375 MD for Polyolefins
- Black 376 MD for PS/HIPS
- Black 333 MD for PET

Tailored shades and polymer carriers.  
Optimized let-down ratios for performance & cost.

## Sustainability Impact Per ton recycled instead of landfilled

- 1.5 tons CO<sub>2</sub> saved
- Up to 70% less energy vs. virgin resin
- Global Compliance Complies with COTREP, APR Preferred Guidance for PE & PP.

(\*Figures are based on industry recycling lifecycle averages)



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