CUBE

IMPROVING THE RECYCLABILITY OF BLACK PLASTICS.

Detectable black plastic

- MICROWAVE SAFE
- DISHWASHER SAFE
- FREEZER SAFE
- FDA COMPLIANT FOOD SAFE
- LEAK RESISTANT SNAP-SEAL LID
- STACKABLE
- RECYCLABLE
- BPA-FREE
- 100+ WASHES

The United States creates 39 million tons of containers and packaging waste every year, constituting 23% of the municipal solid waste stream.

HELP MAKE A DIFFERENCE WITH CUBE PACKAGING.

Sustainability is at our core and we are dedicated to building products that meet both the functional requirements of our customers, as well as the need for environmental responsibility.

RE-USABLES ARE THE GREENEST OPTION!

Doing our part

Over the last few years, CuBE has made significant changes and investments to:

- ☑ Increase energy efficiency
- ☑ Save clean water
- ☑ Use food safe, pre-consumer recycled content
- ☑ Utilize less materials
- ☑ Implement employee sustainability programs
- ☑ Contribute to organizations focusing on sustainability

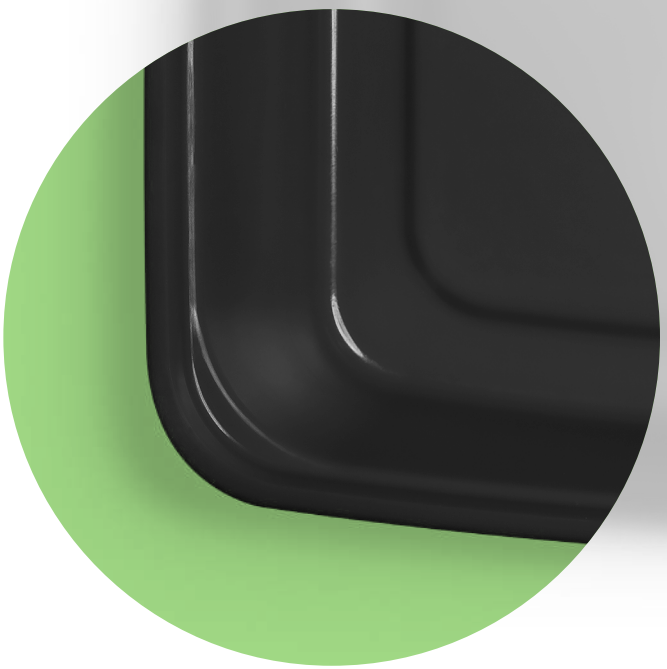
Learn more at **cubep.com/sustainability**

CUBE

SUSTAINABILTY
SOLUTIONS

DETECTABLE BLACK PLASTIC TECHNOLOGY

Detectable Black Plastic, is a technology that allows for automated sorting of black plastic for recycling



WHAT IS IT?

NIR Black additive improves black plastic recycling by making it easier to sort using NIR devices, reducing landfill waste and enhancing recycling efficiency

WHY ISN'T BLACK RECYCLED?

Black plastic is challenging to recycle because NIR technology relies on the ability to detect and sort plastics based on their molecular composition. Black plastic absorbs NIR light and is not easily distinguishable, making it less suitable for recycling processes

WHY IS IT EFFECTIVE?

NIR spectroscopy measures plastic molecular weight distribution through infrared absorption. NIR Black is designed to be NIR-transparent for efficient sorting.

BENEFITS OF NIR

NIR-detectable black pigments, like NIR Black, enable sustainable recycling of black plastic, reducing environmental impact and promoting recycling.

BETTER PLASTICS
MEANS A BETTER WORLD

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