



Product name ZERO plastic - Ovenable main dish

Uses Hot Entrees

Material 65% Limestone 35% Polyolefin

Material production country Japan

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Certifications Non-plastic - Japanese and Taiwanese governments

Observations Ovenable

Recycling limits

Approximately 5 times in original state

With addition of limestone it can be extended - infinitely

End of life opportunities Material can be recycled infinitely - purity of color will be affected (darker)

ZERO plastic

65%

35% Polyolefin

- + Works with all cold beverages [Juices, sodas, beers, wines, spirits]
- + Recycling tolerance is twice that of typical plastics
- + Less expensive than typical plastics

Material production country

End of life opportunities



Product name

ZEROplastic ovenable - Cold beverage cup

Uses

Cold beverages - juices/sodas/beers/wines/spirits

Material 65% Limestone 35% Polyolefin

Japan

 Manufacturing country
 Thailand & UAE

 Manufacturing process
 Thermoforming

 Certifications
 Non-plastic - Japanese and Taiwanese governments

Observations

No transparency - required to be a solid color

Recycling limits

Approximately 5 times in original state
With addition of limestone it can be extended - infinitely

Material can be recycled infinitely - purity of color will be affected (darker)

ZERO plastic

Up to 60% Limestone

typical plastics

Recycling limits

+ Less expensive than typical plastics

+ Recycling tolerance is twice that of



ZEROplastic - Underplate

Approximately 5 times in original state

Material can be recycled infinitely

- purity of color will be affected (darker)

- infinitely

With addition of limestone it can be extended

Product name ZERO plastic - Appetizer bowl

Uses Cold appetizer bowl for Bistro service

 Uses
 Cold appetizer bowl for Bistro service
 Rotable underplate for Bistro service

 Material
 60% Limestone 40% Polyolefin
 60% Limestone 40% Polyolefin

Material production country Japan Japan

Approximately 5 times in original state

- purity of color will be affected (darker)

With addition of limestone it can be extended

 Manufacturing country
 Thailand & UAE
 Thailand & UAE

 Manufacturing process
 Thermoforming
 Injection molding

 Certifications
 Non-plastic - Japanese and Taiwanese governments - Japanese and Taiwanese governments
 - Japanese and Taiwanese governments

Observations

- infinitely

End of life opportunities Material can be recycled infinitely

INFINITELIVES is financially sponsored by YATES+ incubating at YATES+

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