



# Water Treatment Product Brochure



# Floating HDPE Shade Ball

Pingxiang Rongjian Environmental Protection Chemical Packing Co., Ltd

# DIRECTORY

▶ **Product Introduction**

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▶ **Engineering Case**

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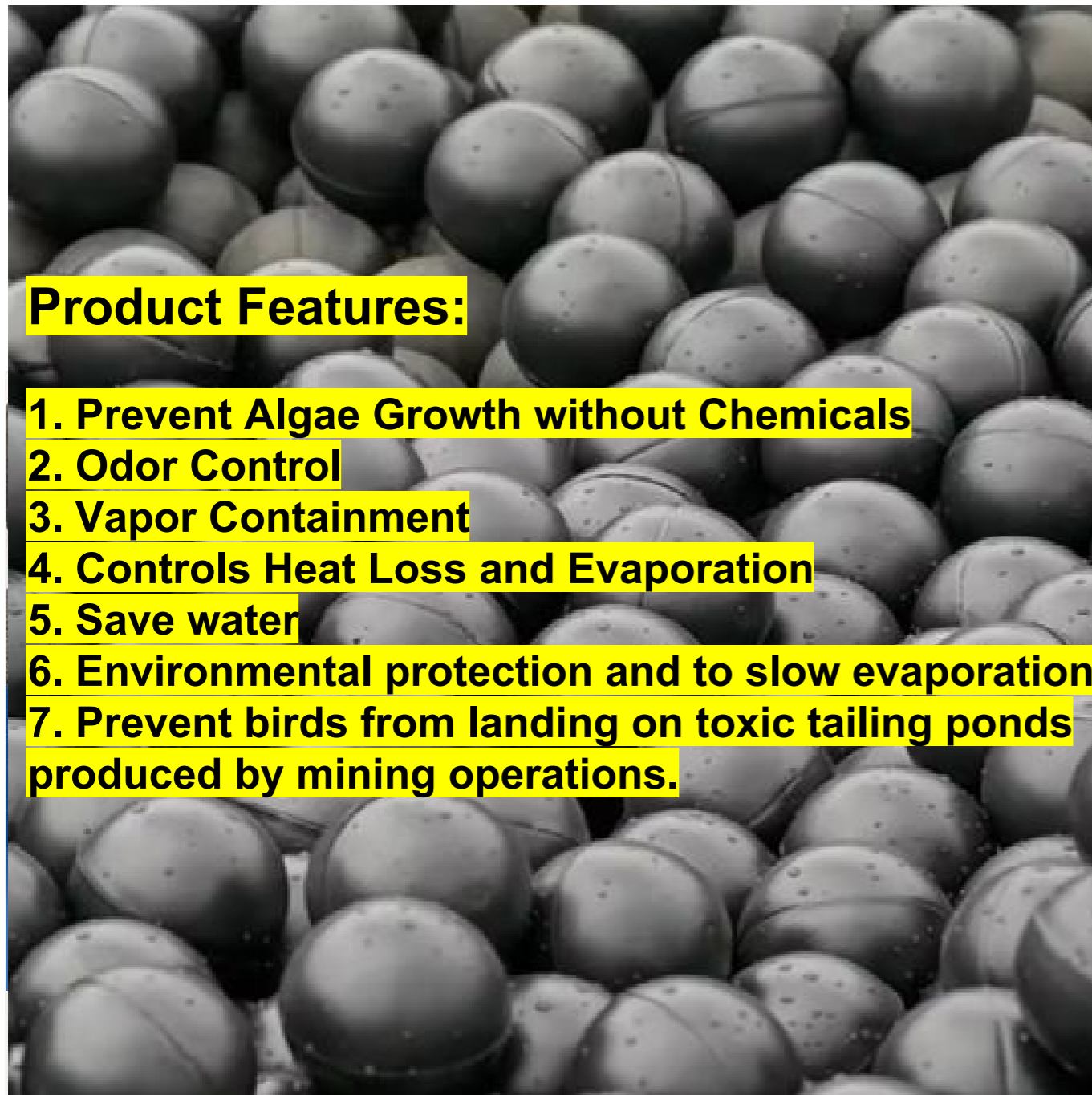
▶ **About Us**

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# Technical Features

- (1) The Chemical Resistant HDPE Balls withstand sun, rain, ice, snow and wind for an effective service life of over 10 years.
- (2) Shade balls are plastic spheres floated on top of a reservoir for environmental protection and to slow evaporation. Also known as bird balls, they were developed initially to prevent birds from landing on toxic tailing ponds produced by mining operations.
- (3) HDPE Hollow Ball Hollow HDPE plastic Balls are waterproof, strong and resistant to chemicals, acids, and minerals. HDPE is a high density material that provides high mass transfer efficiency.



## Product Features:

1. Prevent Algae Growth without Chemicals
2. Odor Control
3. Vapor Containment
4. Controls Heat Loss and Evaporation
5. Save water
6. Environmental protection and to slow evaporation
7. Prevent birds from landing on toxic tailing ponds produced by mining operations.

# Product Specification

Dimension(mm)	Piece Weight(g)	Packing Number(pieces/Ft2)	Packing Number(pieces/m2)
25	1.5	172	1850
38	4.5	74	800
45	7	53	570
50	8	43	465
55	10.5	35	380
70	16	22	235
100	40	10	116
150	100	4.8	51.5



# Application

1. Prevent evaporation and discourage algal blooms in salt-elimination tanks coagulate water tanks.
2. Water treatment basins and tanks surface protection for oil and gas tanks.
3. Floating on the surface and block the sun's rays to prevent water from evaporating.
4. By Doing this, they prevent the chemical reaction that creates the carcinogenic compound bromate.
5. The balls also form a protective barrier across the surface that helps keep birds, animals and other contaminants out away.



## Plastic Shade Ball

Hollow plastic shade balls (also known as conservation balls) provide an economic water conservation

The function is for save water

Mainly used for use in reservoirs, lakes, and other sources of human drinking water

We use only the highest quality BPA-free materials and manufacture them in large sizes, 4 inches and greater, for easy retrieval.



# Engineering Case

## HDPE Shade Ball Projects

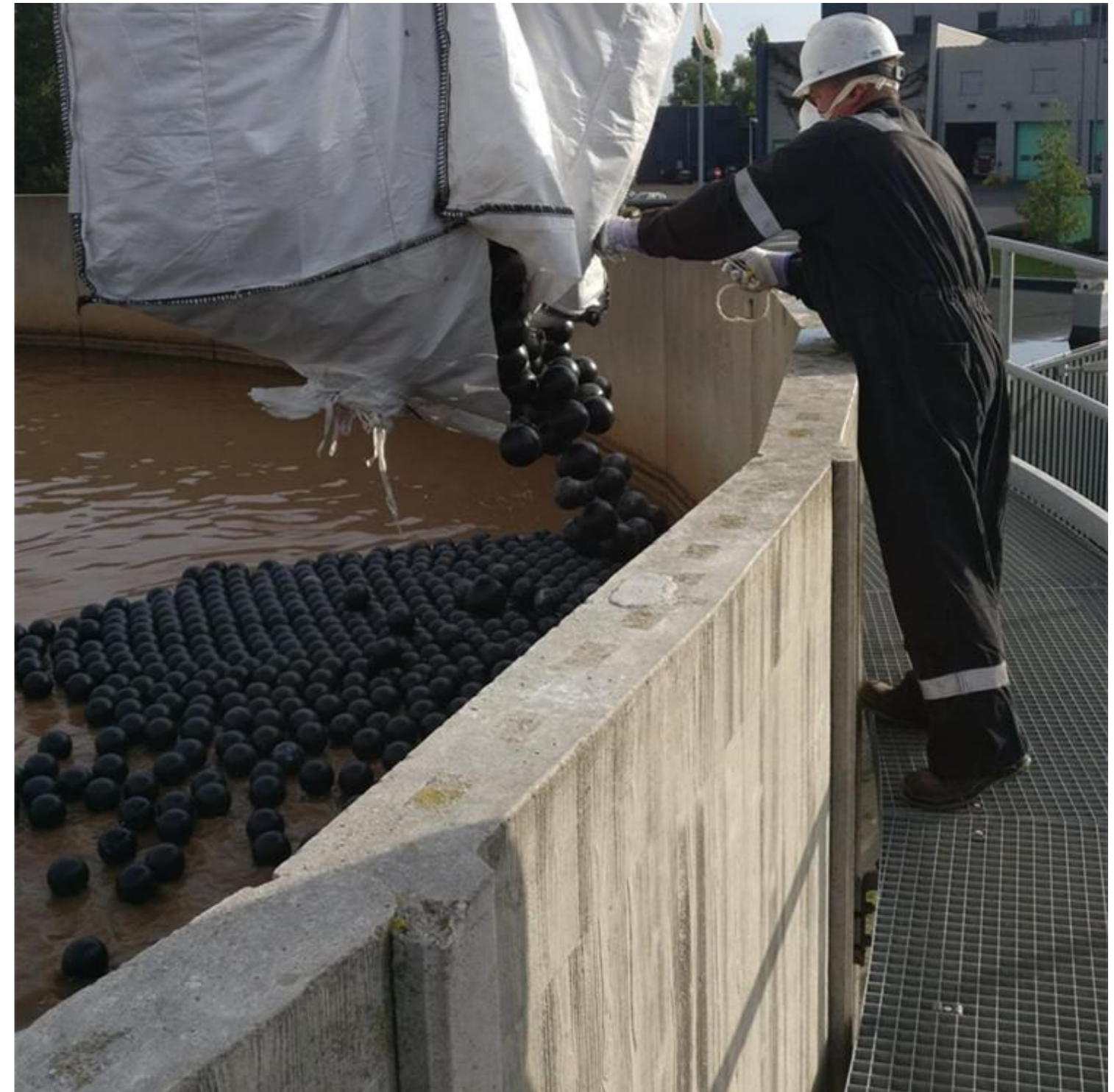
- Case 1: **Water treatment project of Pakistan government**



- Case 2: **Manila, Philippines** : Wastewater Treatment at electronics factory.



- Case 3: **Seattle, USA**: Wastewater Treatment at metal manufacturing factory.



# Production Workshop



# Proof of Qualification



# ABOUT US



# Company Profile

## ■ Pingxiang Rongjian Environmental Protection Chemical Packing Co., Ltd

Established in 2010, Pingxiang Rongjian Environmental Protection Chemical Packing Co., Ltd. is a high-tech enterprise specializing in the R&D, production, and sales of chemical packing and environmental protection materials. After 14 years of rapid development, the company has become a leading global supplier of industrial packing materials, with products exported to over 100 countries and regions. We employ more than 300 staff, including nearly 100 technical professionals, forming a highly skilled and experienced R&D and production team.