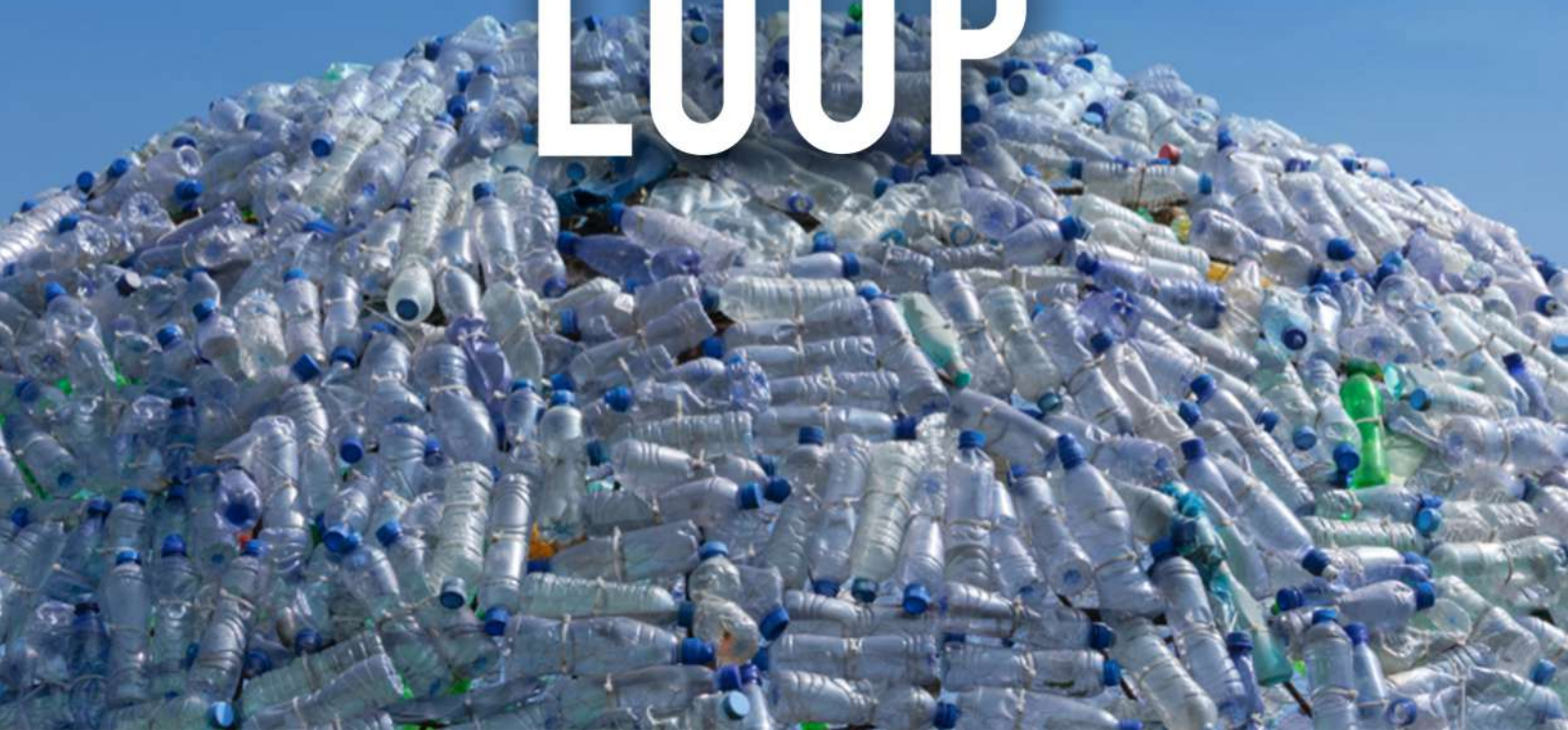


Plastic Gain And Again

PET
LOOP



Plastic Gain

And Again

The Dodhia Group

The Dodhia Group is a leading business conglomerate having leadership in textiles, chemicals and plastic recycling with a global footprint. The group has been at the forefront of innovation and expansion, achieving meteoric growth over the past decade. Established by Mr. Mansukhlal Dodhia in 1987, the Dodhia Group currently has several facilities in Gujarat and Maharashtra, positioning themselves as the supplier of choice to a wide range of industries in several countries.

Pet-o-Loop

Plastic waste in the form of PET bottles is a massive environmental concern as plastic not just causes pollution on land, but also leaches into water, leading to serious problems to life and crops. Threat to marine life is another rising concern, where microplastics have made their way into almost every animal on the planet. Pet-o-loop closes the loop of a circular economy by reusing this waste to create high-value products.

Key Highlights



Certifications



Products

rFLAKES



rPP Chips



rPE Chips



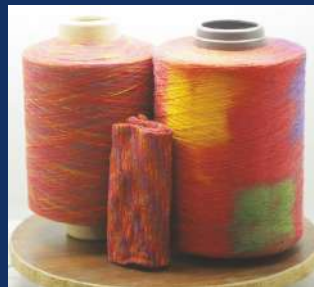
rPet Chips



Applications



**Food Grade
Bottle-to-Bottle**



**Textiles &
Fibre grade**



PET Sheet/Film



**Packaging &
PET Strap**

Packaging

**500 kg or 1000 kg Jumbo Bags
on Pallet, as per customer
requirements**



rPET FLAKES

Test Characteristics	Grade/Specification	Unit
Intrinsic Viscosity	0.74 – 0.80	dl/gm
Melting Point	250–260	°C
PVC	< 20 PPM	PPM
Paper Hard PVC	< 30 PPM	PPM
OTHER (Rubber PC, PP, HDPE, LDPE, Wood, Stone)	< 30 PPM	PPM
Metal	<5 PPM	PPM
Moisture	% 1<	%
Bulk Flekes Density	Min. 270 – Mx. 350	Kg/m3
Caustic	02<	PH
Ash	< 0.05%	%
Flakes Size	Nominal 3mm–12mm	MM
Fine(<1 mm)	< 0.05%	%
Flakes Content Small(<3 mm)	Max. 4%	%
Flakes Content Oversized(>12mm)	Max. 2%	%
Product Temperature	Min. 15 – Max. 60	
Base Content Flakes (PH-Value in De-ionized Water PH 6.5 to 7.5)	< 8	°C
Residual surface contaminants including glue, wash chemicals	Max. 20	PPM

rPET SSP PELLETS

Description	Specifications
Intrinsic Viscosity	0.64 to 0.84
Acetaldehyde	<1 ppm
Bulk density	approx. 900 kg/m3
Granulate size	2 to 4 mm round granulate
Dust amount	<500 ppm
Moisture	<0.2%
Melting point	240–260C
Crystallinity	50%>
CIE (L a, b) Color	L* > 66.0, a* – 1.5 * 0.5, b* < 2.0 #
Pellets / Gram	55+ 5
Pellet Shape	Spherical
Moisture Content	MAX % 0.5<
Fines	< 200 ppm
Contaminants	
AA	< 1 ppm
Benzene	< 100 ppb

We Recycle **100% Bottle.**

STEP 1

Collection

Rescuing bottles from waste and oceans, our journey begins with mindful collection.

STEP 2

Segregation

Rescuing bottles from waste and oceans, our journey begins with mindful collection.

STEP 3

Crushing

Crushing barriers, we transform bottles into small, powerful flakes, unlocking their potential.

STEP 4

Washing

In the sparkle of sustainability, washing away impurities turns ordinary flakes into crystal-clear brilliance.

STEP 5

Melting

Melted with purpose, those flakes metamorphose into the versatile R-PET chips, ready for a new life.





“
Be part of the solution,
not part of the pollution
-Anonymous



DODHIA GROUP

10th Floor, Felix Towers, Opp. Asian Paints, L B S Marg,
Bhandup (West), Mumbai - 400078 India