



COMPANY PROFILE

2024



RiBOTL

Revolutionizing PCR Plastics

www.ribotl.com

+91 9503111333

102, 10th Floor, Maker Chamber VI,
Jamnalal Bajaj Marg, Nariman Point,
Mumbai - 400021





WE RECYCLE BECAUSE WE CARE

We revive all parts of used plastic bottles and revitalise our planet. At RiBotl, we are dedicated to redefining how Post Consumer Waste is recycled. Our focus is to manufacture the highest quality of rPET flakes and chips, rHDPE granules, rPP granules and rPET/APET sheets. We utilise a meticulous process that transforms used plastic bottles into consistent high-quality materials with traceability of type and origins given.

Picture this: a humble plastic bottle tossed into the trash, feeling like it's reached the end of the road. But wait! Enter RiBotl, swooping in to rescue that bottle from its landfill fate. We scoop it up, give it a makeover, and it emerges as something brand new, and ready for another life.

Our mission? To turn trash into treasure, one bottle at a time. We're the pioneers of the recycling world, specializing in rPET flakes, rHDPE, rPET granules and rPET sheets.



CERTIFICATIONS



We are proud to announce that we are the ONLY company in the Indian Sub-continent to get a RecyClass certification. The aim of this Certification is to recognise plastic Recycling Processes for post-consumer waste operating according to the requirements set forth in the Recycling Process Conformity Assessment Scheme.

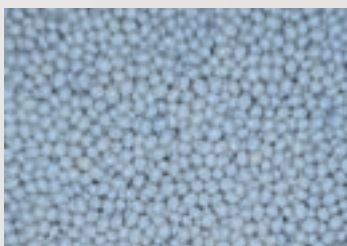




CLEAR HOT WASH PET FLAKES

Recognizing the transformative power of sustainable manufacturing, we have embraced the challenge by introducing "DiamondPET Flakes." Crafted from recycled PET bottles, these flakes possess a dazzling resemblance to diamonds. Our rPET flakes are ideal for eco-conscious packaging solutions.

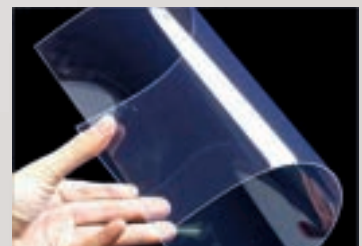
APPLICATIONS



rPET Chips



Plastic Bottles



PET Sheets



We maintain the consistent quality of our rPET flakes through the utilization of dual automatic bottle sorters, manual sorting, and a final inspection using an automatic laser sorter.

Just as diamonds are created through the right blend of heat and pressure acting on coal, we apply similar heat (hotwash) and pressure (sorting) to transform trash into diamonds.



01

Low foreign contamination

02

Aluminum & metal contamination free

03

Optimal moisture levels for improved processing

04

Free from paper or cap fragments

Item	Description
PVC	< 20 ppm
Paper / Label	< 20 ppm
Total Purity Value	< 100 ppm
Packaging - Jumbo bag	L x W x H - 1.04 x 1.04 x 2.40
Weight of each bag	(1000 - 1100 kgs)



rHDPE

PCR rHDPE GRANULES

We offer fully certified PCR rHDPE granules that can be traced back to their source, ensuring complete transparency and adherence to all necessary procedures. Our range primarily consists of PCR rHDPE granules suitable for blow and injection applications, making them ideal for manufacturing detergent bottles, oil containers, caps & closures, shade nets (agronets), shampoo, hand and body wash bottles.

At our facility, all HDPE is subjected to a thorough hot washing process before undergoing polymer sorting to ensure the highest purity of HDPE content. Additionally, color sorting can be carried out on-site, tailored to your specific requirements. The granules also go through a rigorous quality check in our QC lab.



Property	Test Method	Unit	Typical Value
Density (23°C)	ASTM D 1505	g/cc	0.956
MFI (I 90°C/S kg)	ASTM D 1238	g/10 min	0.5, 1, 1.5, 3.5
Tensile Strength at Yield	ASTM D 638	MPa	26
Elongation at Break	ASTM D 638	%	550
Flexural Modulus	ASTM D 790	MPa	900
Hardness	ASTM D 2240	Shore D	69
Vicat Softening Point	ASTM D 1525	C	128

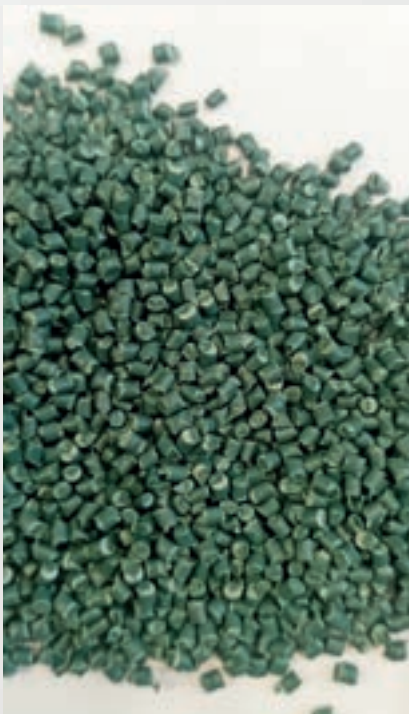
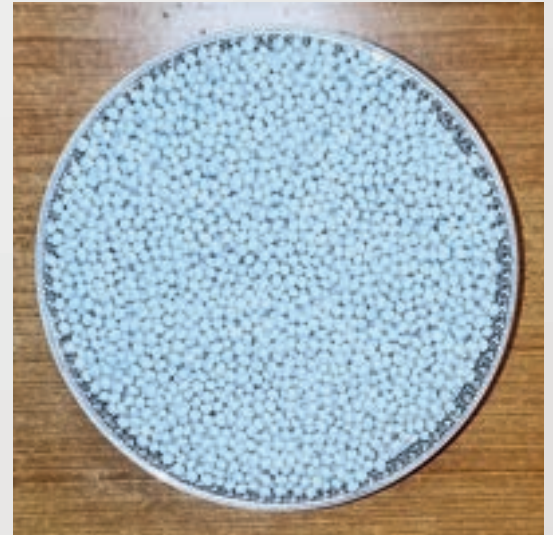
rPET CHIPS

Our latest product in the pipeline at RiBotl.

We have commenced a downstream process to assess the brand owners' dedication to recycling and the government regulations that support it, motivating us to transition to producing rPET granules at the same site to reduce carbon emissions.

Expected Start date is October 2024 with a capacity of 16000 M.T.A

Our machine produces food grade chips which are complaint with US FDA.



rPP GRANULES

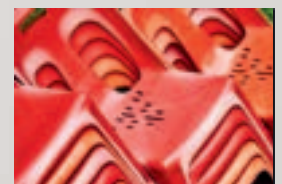
Recycling PCR film into high-quality rPP granules. Our innovative process enhances quality and efficiency.

At our facility, we specialize in the recycling of PCR film-grade material, transforming it into high-quality PCR rPP granules. Our innovative process involves a meticulous double filtration and double melting technique that effectively eliminates contaminants, resulting in cleaner and more refined products. This advanced method not only enhances the overall quality of our granules but also streamlines production processes, ultimately benefiting our customers with improved efficiency and superior end products.

APPLICATIONS



Crates



Chairs

rPET\ aPET Sheets

A Sustainable Solution for Packaging and Beyond, our recycled PET Sheets are made from post-consumer recycled PET bottles, which are first cleaned, sorted, and shredded before being processed into a sheet.

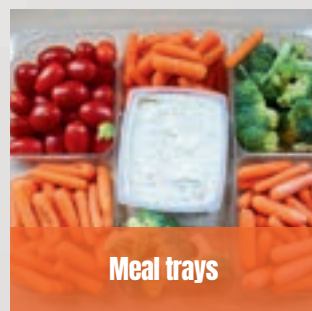
The post-consumer PET bottles undergoes a thorough cleaning, sorting & shredding process at our plant. These are then transformed into high quality sheets. Our range includes **Electrostatic Discharge Sheets, Cut Sheets of signage and Dual-side signage sheets** as well with Masking film applied for protection of sheet.



PET	WIDTH	THICKNESS RANGE
APET	350mm to 1200mm	0.150mm to 1.500mm
RPET	350mm to 1200mm	0.150mm to 1.000mm
NV PET	350mm to 1200mm	0.150mm to 1.200mm

- Special Treatment: Anti-block/Silicon, Anti-fog, Anti-static .
- ***FDA Approved rPET Sheets
- Cut sheets are as per customer specifications and requirements.
- Packing details of weight of rolls provided are from 15 kgs to 500 kgs rolls

APPLICATIONS



RIBotl



Bottles recycled per second

23



PET bottles recycled every month

400,00,000



Kiloliters of water recycled and reused at our plant every month

7000+



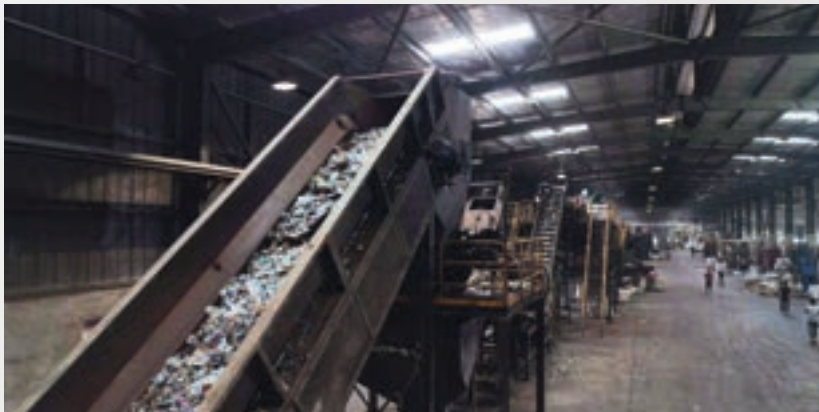
Energy savings through Solar at our plant every month

11000kW+



Carbon dioxide emission savings per month due to the use of biofuel

32,000kg+



**102, 10TH FLOOR, Maker Chamber VI,
Jamnalal Bajaj Marg, Nariman Point,
Mumbai - 400021**



+91 9503111333



www.ribotl.com



headoffice@ribotl.com