

Recycling Plastic, Crafting a Sustainable Future

High-quality Recycled Polyester Staple Fibre (RPSF)

Daily production capacity of 110 MT

#### **ABOUT US**

Established in 2021 by visionary founders **Kanav Arora, Sizer Lakhani,** and **Rajiv Arora,** we are leaders in PET recycling excellence, transforming discarded PET bottles into premium recycled fibers. With a robust daily capacity of 110 tons, we contribute significantly to reducing plastic waste and promoting sustainability.

Our dedication to environmental stewardship drives us to lead responsibly in resource management, fostering a sustainable future for generations.

# **Innovation**

Constantly evolving by implementing the latest recycling technologies.

# Sustainability

Minimizing waste and maximizing resource efficiency at every stage of our operations.

"SHAPING THE FUTURE OF SUSTAINABLE FIBRE"



#### **OUR VISION**

# Shaping a Sustainable Future Through Innovation

Driving Environmental Responsibility, Advancing Cutting-Edge Recycling, and Building a Circular Economy for a Greener Tomorrow



# **Environmental Responsibility**

We envision a future where environmental responsibility and resource efficiency define our operations, leading innovation in the recycling industry.



# Cutting-Edge Technology

Employing cutting-edge technology to revolutionize the recycling landscape and transform PET waste into premium-quality staple fiber.



# Circular Economy

We envision a future where environmental responsibility and resource efficiency define our operations, leading innovation in the recycling industry.

### MEET OUR LEADERSHIP



Mr. Kanav Shayamsunder Arora

(DIRECTOR)

With 17+ years in the textile industry, Kanav Arora leads the company's technical and operational functions.



Mr. Rajiv Jatinderkumar Arora

(DIRECTOR)

Rajiv Arora brings 15+ years of experience in textiles, managing the Masakali retail brand.



Mr. Sizer Habib Lakhani

(DIRECTOR)

Sizer Lakhani, with 15+ years in sales and procurement, co-founded Nakshatra Group.

### **OUR PRODUCTS**



# Off white lustre fibre

**Denier Options** 

1.0, 1.2, 1.4, 1.5, 2.0, 3.0

**Cut Lengths** 

32, 34, 38, 44, 51, 64 mm

Color

Off White

#### **KEY FEATURES**

Versatile and eco-friendly

Ideal for applications in textiles, wadding, and non-woven materials

Durable and high-quality finish.





#### Jet Black Lustre Fibre

**Denier Options** 

1.0, 1.2, 1.4, 1.5, 2.0, 3.0

**Cut Lengths** 

32, 34, 38, 44, 51, 64 mm

Color

Jet Black

#### **KEY FEATURES**

Sleek and rich black finish

Best suited for automotive, geotextile, and upholstery applications

High durability with a polished, professional look.





#### Vanilla White Lustre Fibre

**Denier Options** 

1.0, 1.2, 1.4, 1.5, 2.0, 3.0

**Cut Lengths** 

32, 34, 38, 44, 51, 64 mm

Color

Vanilla White

#### **KEY FEATURES**

Premium appearance with subtle white tones

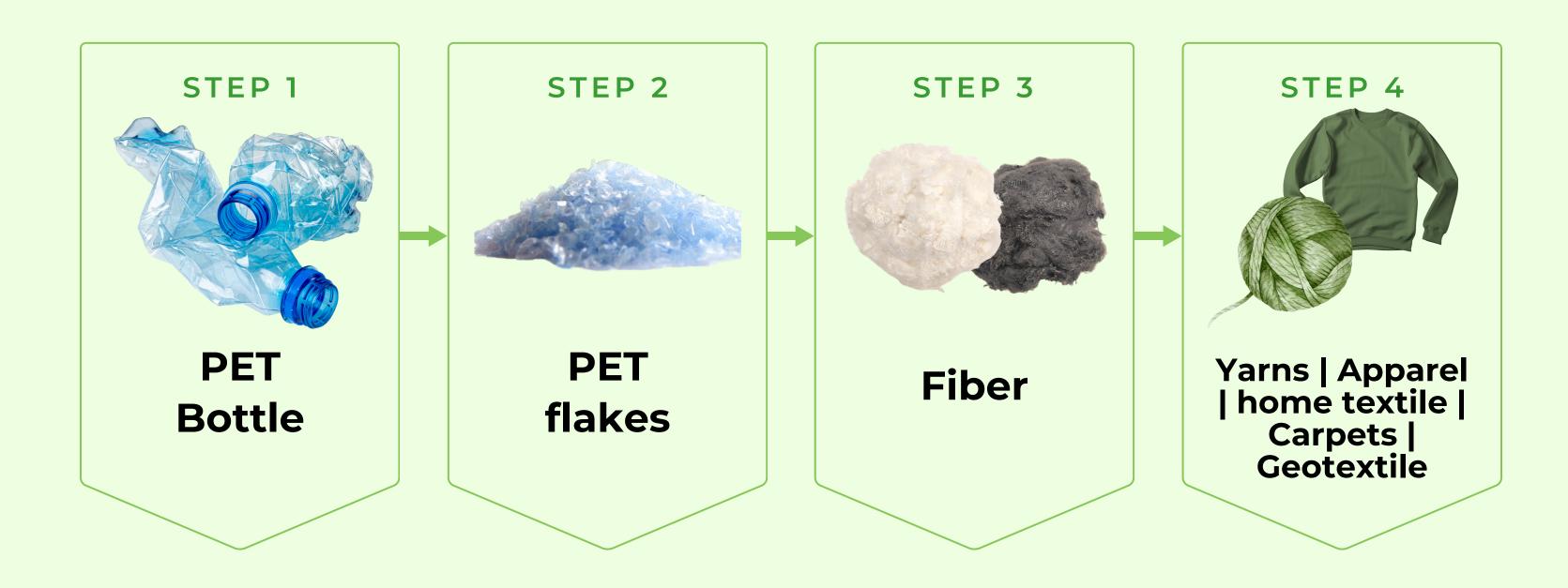
Suitable for filtration, polyfill, and yarn production

Provides excellent tensile strength and durability.



# FROM WASTE TO WORTH

Transforming Plastic Bottles into Sustainable Solutions through Innovative Recycling.



# **Environmental Sustainability** through PET Recycling



# Plastic Crisis Solution

Benefit from the wealth of knowledge and experience our consultants bring to the table.



# **Expertise in PET Recycling**

That's why our consultants take the time to assess your specific needs, challenges, and goals.



# **Eco-Friendly Innovation**

Specialize in eco-friendly farming practices that minimize environmental impact while maximizing long-term profitably.

# OUR PRODUCTS

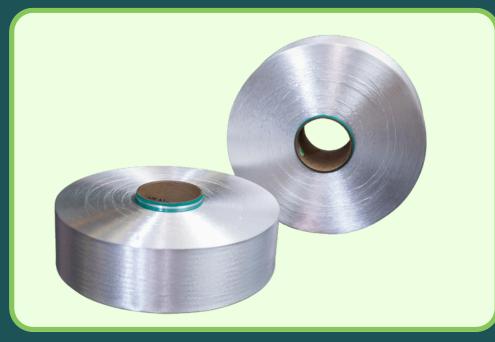




### WHAT WE BUY



POLYESTER WIRE



POY ( POLYESTER ORIENTED YARN)



PET LUMPS



PET SHEET - GRINDING



PET CHIPS

### RAW MATERIAL TEST REPORT

(Green Wash Pet Flakes)

Sr.No.	Parameters	Unit	Observation
1	PVC/PC	PPM	42 PPM
2	Wrapper	PPM	35 PPM
3	Non PET contamination (PP/PE/Rubber etc)	PPM	25 PPM
4	Other	PPM	30 PPM
5	Metal Content	PPM	16 PPM
6	Total Contamination	РРМ	148 PPM
7	Moisture	%	0.70
8	Bulk Density	g/cc	0.350-0.450

### RAW MATERIAL TEST REPORT

(Natural Wash Pet Flakes)

Sr.No.	Parameters	Unit	Observation
1	PVC/PC	PPM	70 PPM
2	Wrapper	PPM	55 PPM
3	Non PET contamination (PP/PE/Rubber etc)	PPM	50 PPM
4	Other	РРМ	45 PPM
5	Metal Content	РРМ	30 PPM
6	Total Contamination	РРМ	250 PPM
7	Moisture	%	0.75
8	Bulk Density	g/cc	0.300-0.350

# LAB TESTING EQUIPMENTS













# PLANT PHOTOS









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