



UNIVERSAL
POLYPACK LLP



Leading the Future of Sustainable Recycling
and Polymer Solutions

REFRESH
REBUILD
RECYCLE

ABOUT US

Universal Polypack LLP, established on April 6, 2021, operates as a Limited Liability Partnership (LLP) with the mission to set new standards in recycling and polymer solutions. Our company, known for excellence in environmental sustainability, is dedicated to transforming plastic waste into premium recycled products that serve as valuable resources for various industries. Our recycling initiatives not only reduce waste but also create a cleaner, greener future for the next generations.

Universal Polypack LLP is a trusted name in the recycling industry, handling a wide range of services, including the import and export of recycled and virgin polymers like LLDPE, LDPE, HDPE, PET, and PP. We actively contribute to the circular economy by purchasing industrial assets such as sheds, land, machinery, and metal scrap, reinforcing our commitment to resource efficiency and waste reduction. Company is also achieving its height by doing turnover of 96,00,00,000 annually.

Vision

To lead the recycling industry as a pioneer in environmental sustainability and energy efficiency, setting a benchmark in producing high-quality, cost-effective recycled plastic granules. Our vision is to transform plastic waste into valuable resources, contributing to a healthier planet and safeguarding it for future generations.

Mission

Our mission is to lead as a premier manufacturer and supplier of top-tier recycled plastic granules while building a strong, trusted brand. We aim to not only deliver exceptional products but also establish a lasting presence in the market, backed by a seamless service experience that resonates with our customers and partners.

OUR PRODUCTS

Linear Low Density Polyethylene (LLDPE)



Characteristics: Linear Low Density Polyethylene (LLDPE) is known for its linear structure with short chain branches, providing excellent puncture and tear resistance. This polymer combines the flexibility of Low Density Polyethylene (LDPE) with the strength and durability of High Density Polyethylene (HDPE).

Applications

Packaging Films :

Ideal for stretch films, agricultural films, and industrial wrap due to its durability.

Injection Molding :

Used in products like caps, closures, and lids.

Wire and Cable Compounds :

Provides protective insulation, enhancing the longevity of cables and wires.

Other Uses :

Commonly employed in various types of pails, caps, and liners.



Low Density Polyethylene (LDPE)



Characteristics : Low Density Polyethylene (LDPE) is a versatile polymer characterized by its low density and high flexibility. Known for its clarity and softness, LDPE is widely used for its ease of processing and impact resistance.

Applications

Film Applications :

Used in shrink wrap, collation film, and extrusion coatings.

Packaging:

LDPE's flexibility and low stiffness make it suitable for pharmaceutical bottles, foams, and container lids.

Molded Consumer Products :

Due to its transparency and toughness, LDPE is also used for wire insulation and cable compounds.



High Density Polyethylene (HDPE)



Characteristics : High Density Polyethylene (HDPE) is recognized for its high strength, stiffness, and excellent chemical resistance. HDPE's tightly packed crystalline structure gives it superior mechanical properties, making it suitable for heavy-duty applications.

Applications

Packaging Containers:

Used for manufacturing buckets, crates, and bottles.

Industrial Products:

Common in pipes, automotive parts, playground equipment, and medical components.

Construction Materials:

HDPE is valued for its durability and environmental resistance, making it ideal for outdoor products like kayaks, trash cans, and tubing.



Polyethylene Terephthalate (PET)



Characteristics : PET is a transparent, lightweight, and FDA-approved plastic widely used in food and beverage packaging. It boasts high impact strength and a good gas and moisture barrier, ensuring product freshness.

Applications

Beverage and Food Containers :

Used for water bottles, soft drink bottles, and food packaging.

Blow-Molded Containers:

Commonly employed for various transparent containers and sheets.

Industrial Use:

PET is ideal for thermoforming and other applications requiring clarity and stability.



Polypropylene (PP)

Characteristics : Polypropylene is a rigid, crystalline polymer offering excellent chemical, thermal, and electrical properties. Known for its low density and high resistance to environmental stress, PP is a popular choice for a wide variety of applications.

Applications

Automotive Components :

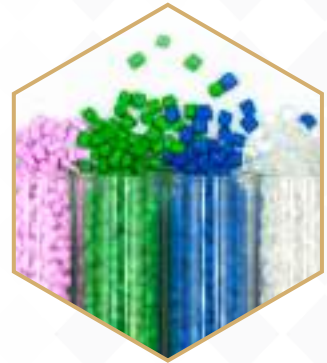
Frequently used for car bumpers, interior trims, and dashboards.

Consumer Products :

Widely used in textiles, household goods, and various molded items.

Food Packaging :

Ideal for making caps, containers, and packaging that require a good moisture barrier.



Scrap Trading Services

Universal Polypack LLP actively engages in the trading of recyclable scrap metals, including Mild Steel (MS), Aluminum, and Copper. Our scrap trading business contributes to environmental conservation by reducing waste, saving energy, and minimizing the need for virgin resources. Below is an overview of our scrap trading materials:

Aluminum Scrap

Nature : Aluminum scrap includes automotive frames, beverage cans, and household items. Its lightweight and corrosion-resistant properties make it highly sought after in recycling.

Applications : Extensively used in the automotive, aerospace, construction, and consumer goods sectors.

Market Demand : High due to aluminum's versatility and energy-efficient recycling process, which appeals to industries seeking lightweight and durable material options.

Mild Steel (MS) Scrap

Nature : Mild Steel scrap includes leftovers from construction, machinery, vehicles, and appliances. Its low carbon content makes it easy to work with, supporting various manufacturing processes.

Applications: Common in construction for rebar, beams, and industrial manufacturing.

Market Demand: High in construction and infrastructure sectors that require durable but cost-effective metals.

Copper Scrap

Nature: Copper scrap includes wires, pipes, and electronics. Copper is highly valued for its excellent conductivity and can be recycled multiple times without losing quality.

Applications: Essential in electrical wiring, electronics, plumbing, and automotive components.

Market Demand: Copper has consistently high demand globally, especially in industries focused on electronics and power generation.



Core Values

At Universal Polypack LLP, we adhere to a set of core values that guide our operations and relationships with customers, partners, and the environment.

Sustainability

Committed to eco-friendly practices, we aim to reduce waste and carbon emissions through innovative recycling.

Quality Assurance

Every product and service we deliver meets the highest industry standards, ensuring reliability and excellence. Customer-Centric Approach: Our clients' needs are at the forefront of our operations, driving us to provide customized solutions and dependable service.

Innovation

We are dedicated to continuously improving our processes and products, incorporating the latest technology and industry insights.



REFRESH RECYCLE REBUILD



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Contact Us

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Get in Touch

We are always available to answer inquiries about our products or services. Whether you're looking for sustainable polymer solutions or reliable scrap trading services, Universal Polypack LLP is ready to assist you in achieving your goals while promoting a greener future.