



**Mahfooz Plastic**  
Trusted Quality, Sustainable Future



# MAHFOOZ PLASTIC



Plastic Granules Manufacturer

[www.mahfoozplastic.com](http://www.mahfoozplastic.com)

# Our Facility

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Equipped with cutting-edge technology, Mahfooz Plastic Company employs efficient and environmentally sustainable recycling processes to reduce plastic pollution and preserve natural resources. We cater to a wide range of industries by supplying high-quality recycled plastic materials that meet stringent international quality standards. Our modern testing laboratory ensures consistent product excellence. At Mahfooz Plastic, our dedicated Research and Development team continuously innovates, developing advanced techniques to enhance the recycling of various plastic materials, ensuring superior quality and sustainability.



# Our USP – Mahfooz Plastic

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- **Global Collaboration:** Through strategic international partnerships, we source premium-grade materials in bulk, ensuring consistent quality and reliability with every batch.
- **Closed-Loop Production:** Our state-of-the-art facility and advanced machinery enable a sustainable, closed-loop production process that minimizes waste and maximizes efficiency.
- **Expertise and Innovation:** Our skilled team leverages cutting-edge recycling technologies and modern processes to deliver superior recycled plastic products.
- **High-Quality Recycled Products:** We provide top-tier recycled plastic materials that meet international standards, backed by rigorous quality testing.
- **Commitment to R&D:** Our dedicated Research and Development team continuously innovates to develop advanced recycling techniques, ensuring eco-friendly and high-performance solutions.



## About Us – Mahfooz Plastic

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Mahfooz Plastic Company, headquartered in Kolkata, India, is a leading eco-conscious plastic recycling enterprise dedicated to sustainable solutions for a cleaner future. Utilizing advanced technology and a skilled team, we source high-quality Prime, Off-grade, and Post-Industrial HDPE, LDPE, LLDPE, and PP in forms such as Re grind, Granules, Lumps, and Powder from global markets, including the USA, Europe, Middle East, and Asia. We specialize in manufacturing premium-grade HDPE, LDPE, LLDPE, and PP granules and Rotational Molding Powder. From a starting capacity of 1200 MTPA in 2018, we have expanded to over 3000 MTPA today, with plans to exceed 6000 MTPA soon. Partner with Mahfooz Plastic to transform plastic waste into valuable resources, promoting a healthier planet.

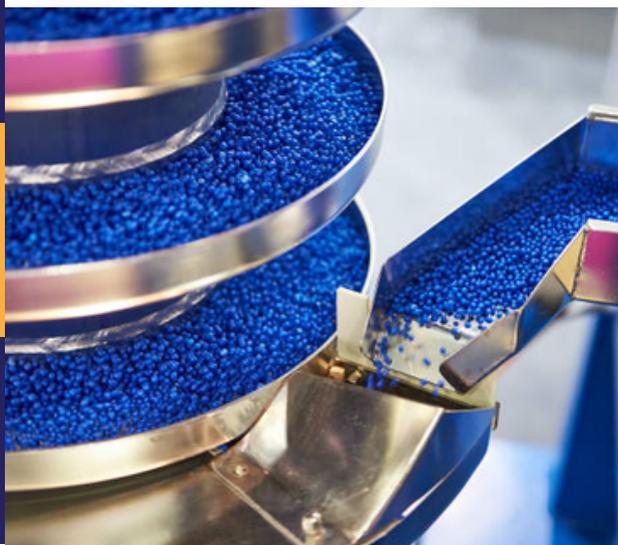


# Our Range Of Products

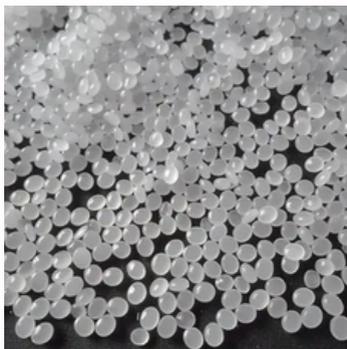


## High Density Polyethylene (HDPE)

- Type: Thermoplastic Polymer
- Forms: Lumps, Flakes/Grindings, Pellets (Die and Cutting), Powder
- Colors: Black, Blue
- Specifications:
  - Density (ISO 1183): 0.93–0.97 g/cm<sup>3</sup>
  - Melt Flow Index (ISO 1133, 5 kg, g/10 min): <0.30, 0.30–0.60, >0.60
- Applications: Extrusion pipes, drums, industrial containers

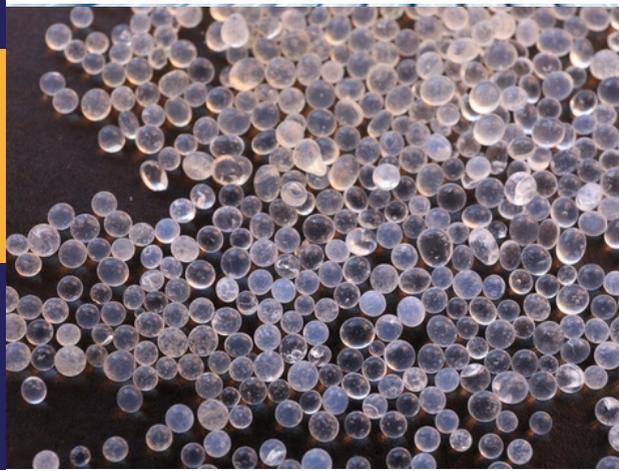


# Our Range Of Products



## Low Density Polyethylene (LDPE)

- Description: Linear low-density polyethylene granules for versatile use.
- Features:
  - High tensile strength
  - Puncture-resistant
  - Customizable colors
- Applications: Stretch films, agricultural films
- Density -  $0.91-0.94 \text{ g/cm}^3$



# Our Range Of Products

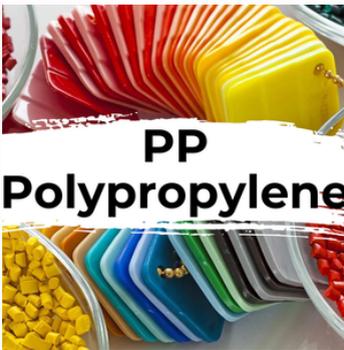


## Linear Low Density Polyethylene (LLDPE)

- Type: Thermoplastic Polymer
- Forms: Lumps, Flakes/Grindings, Pellets, Powder
- Colors: Natural, White
- Specifications:
- Density (ISO 1183): 0.91–0.94 g/cm<sup>3</sup>
- Melt Flow Index (ISO 1133): As per customer requirement
- Features:
- High tensile strength and flexibility
- Puncture-resistant
- Customizable for specific applications
- Applications: Stretch films, agricultural films, packaging



# Our Range Of Products



## Polypropylene (PP)

- Type: Thermoplastic Polymer
- Forms: Grindings, Pellets
- Colors: Multi-color
- Specifications:
- Density (ISO 1183): 0.895–0.920 g/cm<sup>3</sup>
- Melt Flow Index: As per customer requirement
- Features:
- High chemical resistance
- Lightweight and durable
- Suitable for injection molding and extrusion
- Applications: Automotive parts, household goods, packaging

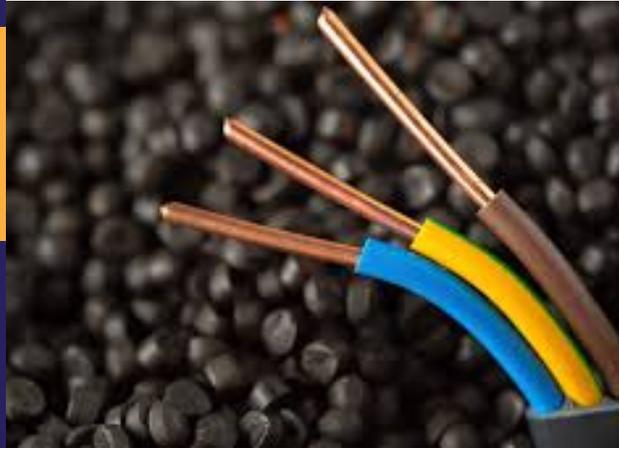


# Our Range Of Products



## Polyvinyl chloride granules

- Density (ISO 1183): 1.30 – 1.45 g/cm<sup>3</sup>
- Hardness (Shore A/D): As per customer requirement
- K-Value: 57–67 (based on grade)
- Melt Flow Index (MFI): Customizable as per application
- Thermal Stability: Excellent (depends on additives and grade)
- High chemical and impact resistance
- Excellent electrical insulation
- UV-resistant (grade dependent)
- Good dimensional stability
- Weather-resistant and durable
- Suitable for extrusion, injection molding & blow molding





+91 9831095128 / +91 82405 87689

✉ info@mahfoozplastic.com

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**Unit 1** - 7 No. Dhapa Durgapu (Near 7 No. Van Stand),  
Kolkata 700105

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**Unit 2** - Ganesh Complex Gate No. 2, Mouza - Subharara, JL No.  
06, P.O - Subharara, P.S - Panchla, Dist - Howrah, 711302

