

GROWING BY TRANSFORMING



RECYCLING



WHO WE ARE ?

ABOUT US

We are moving forward with confident steps on our path to become one of the leading recycling brands in Turkey, in line with the rapidly growing trend of recycling around the world. With our professional waste management solutions, we not only protect the environment but also contribute to our economy while enabling the growth of recycling as an industry in our country. For sustainable growth, by converting waste into recycled and usable materials, we transform our dream of a more sustainable world into reality, while producing recycled ones as an alternative to original raw materials. In today's world, wherein resource management has become mandatory under the scope of the circular economy, we are increasing our production capacity day by day by taking on the important mission of recycling for sustainable growth. Stepping into green energy industry in 2015, our brand initiated its circular economy investments with the production of energy from landfill gas. With a strong technological infrastructure and innovative vision, Mias Recycling, which also invested in the recycling industry, established a recycling facility with a total area of 6000 m2, including a 3000 m2 of closed area in Nevşehir Organized Industrial Zone. While exporting our high-quality granule to all around the world, especially to Europe, we also provide supply to the domestic market. Along with our employees, customers and all stakeholders (paydaş derken??), we are determined to pursue our objective of circular economy within a sustainable way.

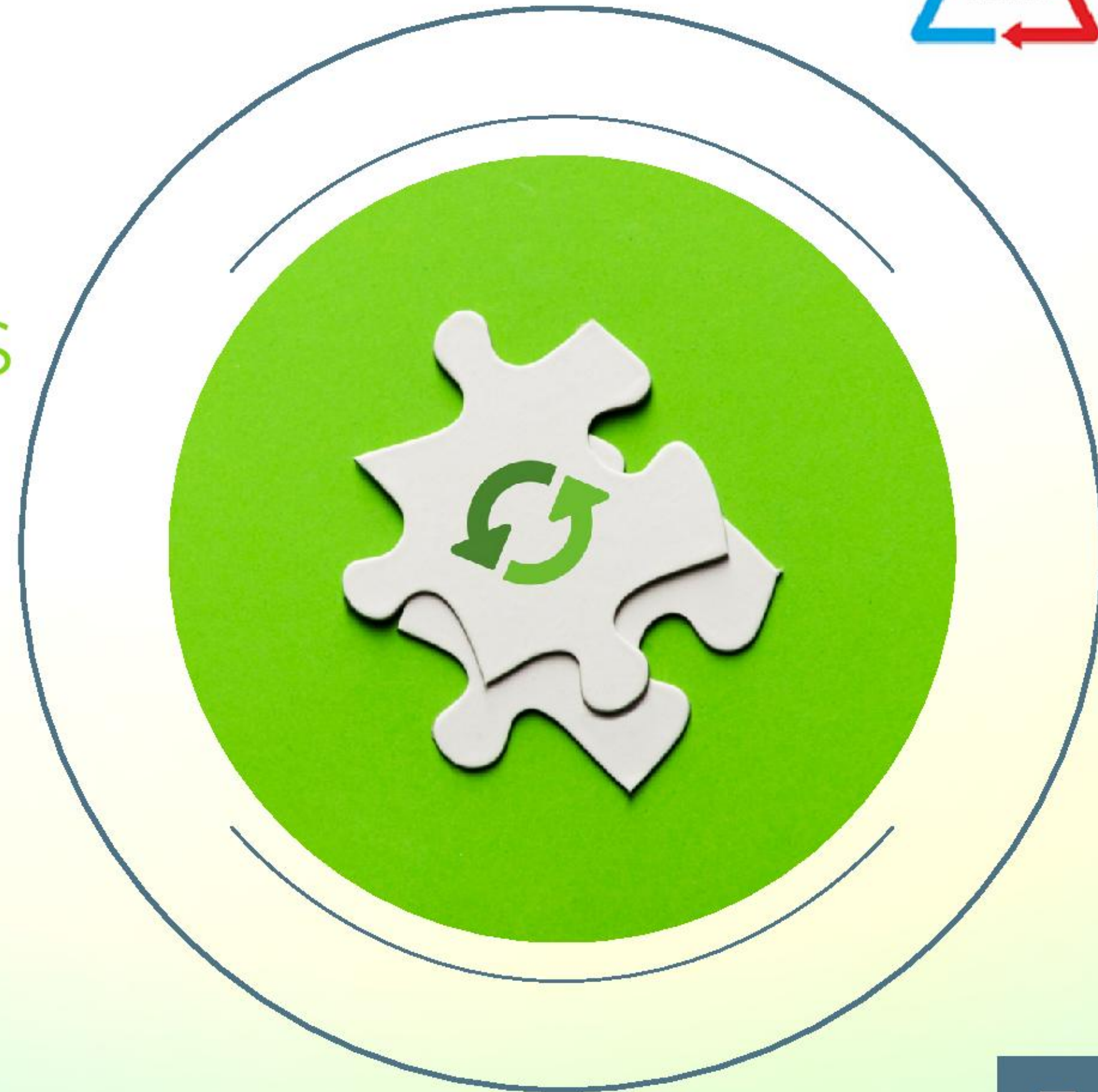




WHAT WE DO ?

OUR PRODUCTION PROCESS

As a part of our recycling process, the waste that comes to our facility first gets segregated accordingly. Following the segregation process, they get crushed into small pieces in our high-tech waste shredding machines. Then, the crushed waste gets transported to the Agromel (??) and Granule area with the help of a fan after being washed in our uniquely designed system. After the Agromel and Granule processes, our products which pass through 120 mesh automatic laser filters, become LDPE raw materials. The granules are filled into big bags after getting homogenized in 30-ton tanks. The laboratory tests are periodically performed on the samples taken during this process. Each granule is subjected to a film test in the test badanozu (??). The granules that pass the QC (Quality Control) get consigned to the customer. Our recycled products can be used directly as a substitute of the original raw material.





TECHNOLOGY

à Fimic Laser Filter System

6000 m2

PRODUCTION IN NEVŞEHİR ORGANIZED INDUSTRIAL ZONE OF 6000 m2

8.400 TON

OF ANNUAL PRODUCTION CAPACITY

OUR ENVIRONMENTAL POLICY



**WE PRODUCE FOR A MORE
SUSTAINABLE WORLD**



When plastics that have reached the end of their useful life are recycled instead of being thrown into the environment, they are transformed into new products such as clothing, industrial fibers, working hats, grocery cart handles, school and office components, golf and tennis equipment, garden furniture, cornerstones, waste collection bins, garbage bags, plastic bags, shrink film, greenhouse covers, stretch film, flower pots, benches, automotive spare parts, water meter boxes, buckets, carpet materials, and drainage pipes. Our job is to prevent plastic waste from being thrown into the environment in a way that can threaten nature, and to leave our children a cleaner world and contribute to the circular economy through recycling.





SUSTAINABILITY

The existential threats of climate change compelled the entire world to act upon the circular economy. Within the scope of the European Green Deal (EGD), concepts such as efficient use of resources, resource management, and zero waste have become indispensable policies for government and companies. Producing recycled materials as an alternative to original raw materials and incorporating waste into the re-production chain is the projection of our green economy policy. Within this context, we recycle plastic waste following our sustainable growth objective. The high-quality recycled raw materials we produce through technological sorting, washing and raw material processes are being used in the plastic industry either together with or as an alternative to original raw materials.



JOIN US!

PROTECT LIFE WITH RECYCLING, EMPOWER THE ECONOMY

- From 1050 recycled plastic trays, a seating group of 6 people can be made.
- 60 watts of electricity of 6 hours can be saved if a 2.5-liter plastic bottle is recycled and used in production
- By recycling 25 pieces of 2-liter beverage bottles, a plastic sweater can be obtained from this material.
- A jacket can be produced from 25 used plastic bottles.
- A sleeping bag can be made from 35 used 2.5-liter plastic bottles.



High Quality Ldpe Granules





High Quality LDPE Granules



PRODUCT DATA SHEETS

MIAS RECYCLING PLANT

NEVŞEHİR

MATERIAL DATA SHEET/TEST REPORT

POLYMER NAME : G01 LDPE(NATURAL Recycled Low Density Polyethylene)

SOURCE : Post Industrial Scraps

TYPE : Blown Film-GRADE

BEST FOR : Film Applications (Cast Film, Lamination Film, Shrink Film etc.)

PACKING : 1100KGS to 1200KGS Big Bags

| Physical | Test | Unit | Value |
|----------------------------|-----------------------------|-------------------|-----------|
| Melt Index (190°C/2,16 kg) | ISO 1133 (190°C /2.16kg) | g/10 min | 0,3-0,8 |
| Density, 23°C | ISO 1183 | g/cm ³ | 0,91-0,94 |
| Ash | ISO 1183 | % | 0,14 |
| Moisture Content | Shape | Size | Color |
| < 0.01 % | Granules | 3 - 4 mm | Natural |

**Typical values: not to be construed as specification limits. Material tested from random bags & from the current stock.

Pictures:





PRODUCT DATA SHEETS

MIAS RECYCLING PLANT

NEVŞEHİR

MATERIAL DATA SHEET/TEST REPORT

POLYMER NAME : SF01 LDPE(NATURAL Recycled Low Density Polyethylene)
SOURCE : Post Industrial Scraps
TYPE : Blown Film-GRADE
BEST FOR : Film Applications (Cast Film, Lamination Film, Shrink Film etc.)
PACKING : 1100KGS to 1200KGS Big Bags

| Physical | Test | Unit | Value |
|----------------------------|-----------------------------|-------------------|-----------|
| Melt Index (190°C/2,16 kg) | ISO 1133 (190°C /2.16kg) | g/10 min | 0,9-1,8 |
| Density, 23°C | ISO 1183 | g/cm ³ | 0,91-0,94 |
| Ash | ISO 1183 | % | 0,14 |
| Moisture Content | Shape | Size | Color |
| < 0.01 % | Granules | 3 - 4 mm | Natural |

****Typical values: not to be construed as specification limits. Material tested from random bags & from the current stock.**

Pictures:



PRODUCT DATA SHEETS

MİAS RECYCLING PLANT

NEVŞEHİR



MATERIAL DATA SHEET/TEST REPORT

POLYMER NAME : SF01/1 LDPE(Honey Recycled Low Density Polyethylene)
SOURCE : Post Consumer Scraps
TYPE : Blown Film-GRADE
BEST FOR : Film Applications (Cast Film, Lamination Film, Shrink Film etc.)
PACKING : 1100KGS to 1200KGS Big Bags

| Physical | Test | Unit | Value |
|----------------------------|--------------------------------|-------------------|-----------|
| Melt Index (190°C/2,16 kg) | ISO 1133 (190°C/ 2.16kg) | g/10 min | 0,9-1,8 |
| Density, 23°C | ISO 1183 | g/cm ³ | 0,91-0,94 |
| Ash | ISO 1183 | % | 0,14 |
| Moisture Content | Shape | Size | Color |
| < 0.01 % | Granules | 3 - 4 mm | Honey |

**Typical values: not to be construed as specification limits. Material tested from random bags & from the current stock.

Pictures:





The brand that gives life to recycling in the city of tourism



THANKS



www.miasgeridonusum.com