NEWBORN PLASTIC POLAND

BORN TO BE ECO

SALES OFFER

Company details:
Newborn Plastic s.c. Marcin Mitura, Urszula Mitura
ul. Leśna 11, 36-100 Kolbuszowa, POLAND
NIP: 814 167 11 37

The company **Newborn Plastic s.c. Marcin Mitura Urszula Mitura**, based in Kolbuszowa, began its activity in the recycling market in 2012, however, our experience is more than 20 years of activity and expansion of knowledge in the plastics industry.
We deal extensively with the recycling process, starting with obtaining waste, processing it and returning it to reuse in production processes.

In its business, Newborn Plastic focuses on the highest quality of its products followed by 100% satisfied customers.

Divided into several sectors, the company is engaged in separate processes of washing, granulation and production of finished products.

By processing secondary raw materials, we reduce the consumption of primary raw materials, which translates into the protection of the environment and natural resources.

The main goal of Newborn Plastic is to provide professional service tailored to the needs of each customer, which results in customer satisfaction and also to constantly strengthen its position in the market.

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Marcin Mitura, Urszula Mitura
ul. Leśna 11, 36-100 Kolbuszowa, POLAND
NIP: 814-167-11-37
REGON: 180609017

biuro@newbornplastic.pl
Landline. +48 17 22 88 510
Mob. phone +48 605 170 703

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NEWBORN PLASTIC PRODUCT RANGE

-REGRANULATES-

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PRODUCT	MATERIAL	APPLICATION	CHARACTERISTICS	STANDARD	CERTYFICATE
REGRANULATE LDPE (BRIGHT STRAW)	Regranulate produced from post-production waste and / or foil originating from selective collection (post-consumer LDPE waste)	• **EXTRUSION BLOW MOULDING** • **INTJECTION**	**Density** 0,904 ÷ 0,923 g/cm³ **Filling** < 4,0 % **Moisture** < 0,1 % **Melt Flow Index MFI** 0,4÷1,6 g/10min (190°/2,16kg) **Tensile Modulus** 220÷300 MPa **Tensile Strength** 12,0÷13,5 MPa **Colour** – Bright straw **Filtration µm** 215-235 (14x88) 180-200 (18x100) 115-125 (24x110)	PN-EN ISO 1183 PN-EN ISO 3451 Own method PN-EN ISO 1133 PN-EN ISO 527 PN-EN ISO 527 - Standard filtration Guideline filtration Guideline filtration	EuCertPlast
REGRANULATE LDPE (BAG)	Regranulate produced from post-production LDPE BAG of granules waste		**Average fill level** <5,5 % **Moisture** <0,1 % **Melt Flow Index MFI** 0,5÷1,0 g/10min (190°/216kg) **Colour** – Light ash **Filtration µm** 215-235 (14x88) 115 -125 (24x110)	PN-EN ISO 3451 Own method PN-EN ISO 1133 - Standard filtration Guideline filtration	EuCertPlast
REGRANULATE LDPE (BLACK)	Regranulate produced from post-production waste and / or foil originating from selective collection (post-consumer LDPE waste)		**Density** 0,920 ÷0,950 g/cm³ **Filling** < 4,0 % **Moisture** < 0,1 % **Melt Flow Index MFI** 0,30 ÷ 1,4 **Colour :** colour mix **Filtration µm** 215-235 (14x88) 180-200 (18x100) 115-125 (24x110)	PN-EN ISO 1183 PN-EN ISO 3451 Own method PN-EN ISO 1133 - Standard filtration Guideline filtration Guideline filtration	EuCertPlast
REGRANULATE LLDPE (STREETCH)	Regranulate produced from post-production waste and / or foil originating from		**Density** 0,918÷0,921 g/cm³ **Moisture** < 0,1 % **Melt Flow Index MFI** 1,5÷3,0 g/10min (190°/216kg) **Tensile Modulus** 200÷260 MPa **Tensile Strength** 9,6÷11,5 MPa	PN-EN ISO 1183 Own method PN-EN ISO 1133 PN-EN ISO 527 PN-EN ISO 527	EuCertPlast

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	selective collection (post-consumer LLDPE waste)		**Impact chk** 58-61 kJ/m² **Colour** – light straw **Filtration µm** 215-235 (14x88) 180-200 (18x100) 115-125 (24x110)	PN-EN ISO 179-1 - Standard filtration Guideline filtration Guideline filtration	
REGRANULATE LDPE BRIGHT (MIX)	Regranulate produced from post-production waste and / or foil originating from selective collection (post-consumer LDPE waste)		**Density** 0,920 ÷0,950 g/cm³ **Filling** < 4,0 % **Moisture** < 0,2 % **Melt Flow Index MFI** 0,30 ÷ 1,4 **Colour :** light mix colour **Filtration µm** 215-235 (14x88) 180-200 (18x100) 115-125 (24x110)	PN-EN ISO 1183 PN-EN ISO 3451 Own method PN-EN ISO 1133 - Standard filtration Guideline filtration Guideline filtration	EuCertPlast
REGRANULATE PP	Regranulate produced from post-production waste and / or foil originating from selective collection (post-consumer LDPE waste)	• **EXTRUSION BLOW MOULDING INTJECTION**	**Density** 0,920 ÷0,91 g/cm³ **Filling** < 5,0 % **Moisture** < 0,8 % **Melt Flow Index MFI** 4,0 ÷ 5,0 **Colour :** light grey colour **Filtration µm** 215-235 (14x88) 180-200 (18x100) 115-125 (24x110)	PN-EN ISO 1183 PN-EN ISO 3451 Own method PN-EN ISO 1133 - Standard filtration Guideline filtration Guideline filtration	----------
CHALK FILLER	Chalk filler produced on rLLDPE linear polyethylene matrix	• **EXTRUSION BLOW MOULDING** • **INTJECTION FILM PRODUCTION**	**Density** 1,70 ÷1,75 g/cm³ **Filling** ≥ 75 % **Moisture** < 0,08 % **Melt Flow Index MFI** 1,0 ÷ 1,2 **Colour** : white resulting **Avarage particle size:** ok.2,5 **µm**	PN-EN ISO 1183 PN-EN ISO 3451 Own method PN-EN ISO 1133 - -	----------

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Options	Packaging	Transport	Payment

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▪ Product colouring in the mass ▪ Product filling on request ($CaCo_3$, others) ▪ Product preparation with desired MFI/MFR ▪ Minimum order 1000 kg	▪ Big-bag approx. 1200 kg (on request with polyethylene insert or bottom discharge) ▪ Full stretch Big Bag ▪ Cap + Big Bag spacer ▪ Pallet 105x105 (fumigated on request) ▪ Possibility of printing labels according to customer requirements including barcodes ▪ Product packaging (e.g. 25kg bags) ▪ Possibility of loading into sea containers ▪ Products protected against humidity	▪ We offer the possibility to collect goods with our own transport (EXW) ▪ We offer the possibility to organise low-cost transport within Poland, Europe and the Far East (DAP)	▪ First 3 transactions: prepayment ▪ Next shipments: payment term 30 days

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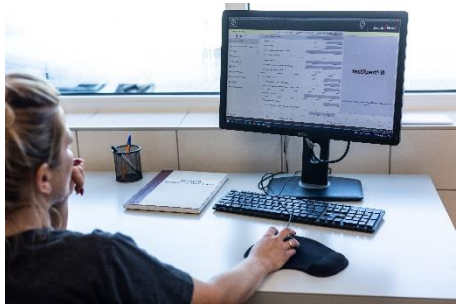
LABORATORY



Since 2022, an important business unit of Newborn Plastic has been a state-of-the-art research laboratory responsible for advanced testing of raw materials processed at our plant. The products we manufacture are also included in the research. Our laboratory experts conduct research on raw materials at every stage of the recycling process. This gives us full control over its progress and allows us to make real-time adjustments. Thanks to this, our customers are guaranteed to receive a final product of the highest quality, with parameters perfectly suited to their needs. Excellent customer cooperation is ensured by innovative laboratory equipment and a team of qualified employees.

We prioritize the use of a wide range of testing methods in the determination of, among other things:

- Rheological parameters and specific density of the produced mixtures,
- Mechanical properties and resistance to impact operation,
- Composition of mixed polymers,
- The level of filling with minerals and other fillers,
- Color compatibility with the accepted color system,
- The surface moisture content of the packaged product.

Properly organized and equipped laboratory facilities make it possible to continuously analyze input materials and control the end result of the implemented process in accordance with generally accepted ISO standards.

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PROCESS WATER PURIFICATION STATION

To meet the world's water conservation needs, our company has set up its own process water treatment plant.

The closed-loop technology used at the plant enables real savings in natural resources, especially since process water losses are made up by rain. No technology offers as much potential for operational cost savings as process water treatment.

Water recovered entirely through the use of closed loop can significantly reduce waste washing costs and meet the company's environmental goals.

With effective and efficient process water treatment, Newborn Plastic can simultaneously achieve several economic and environmental goals.

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24 TON MIXER

The Newborn Plastic plant is also equipped with two 24-ton mixers, which allow us to obtain the highest quality uniform products. Thanks to the technology used, we can maximally homogenize the product in terms of physicochemical properties of regranulate, i.e. material flow level, surface moisture, filtration, color homogeneity.

EuCertPlast CERTIFICATE

NewBorn Plastic has the EuCertPlast certificate for our regranulates.

EuCertPlast

WE INVITE YOU TO CONTACT US:

Name:

e-mail:

Contact details:

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