



**Bogucki  
Folie**



**B-ECO Sustainable product series**





# Bogucki Folie

## **B-ECO** Product description

- ✓ **B-ECO is an innovative polyethylene film based on recycled materials**
- ✓ **The three-layer structure contains up to 100 % of a special combination of post-consumer and post-production materials. Thanks to this we meet expectations of global reduction of plastic waste.**



## Technology & Equipment

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Bogucki Folie is a group of 4 production plants – each specialised in different products

1

**BOGUCKI FOLIE JATNE – EXTRUSION, PRINTING, CONVERTING -  
FOOD PACKAGING**

2

**VAMBRESIA – EXTRUSION, PRINTING AND CONVERTING –  
CARRIER BAGS, GARBAGE BAGS**

3

**RECYCLING PLANT 1 – JATNE – POST INDUSTRIAL PLASTICS  
RECYCLING**

4

**RECYCLING PLANT 2 – BOROWIE – POST-CONSUMER PLASTICS  
WASHING AND RECYCLING**





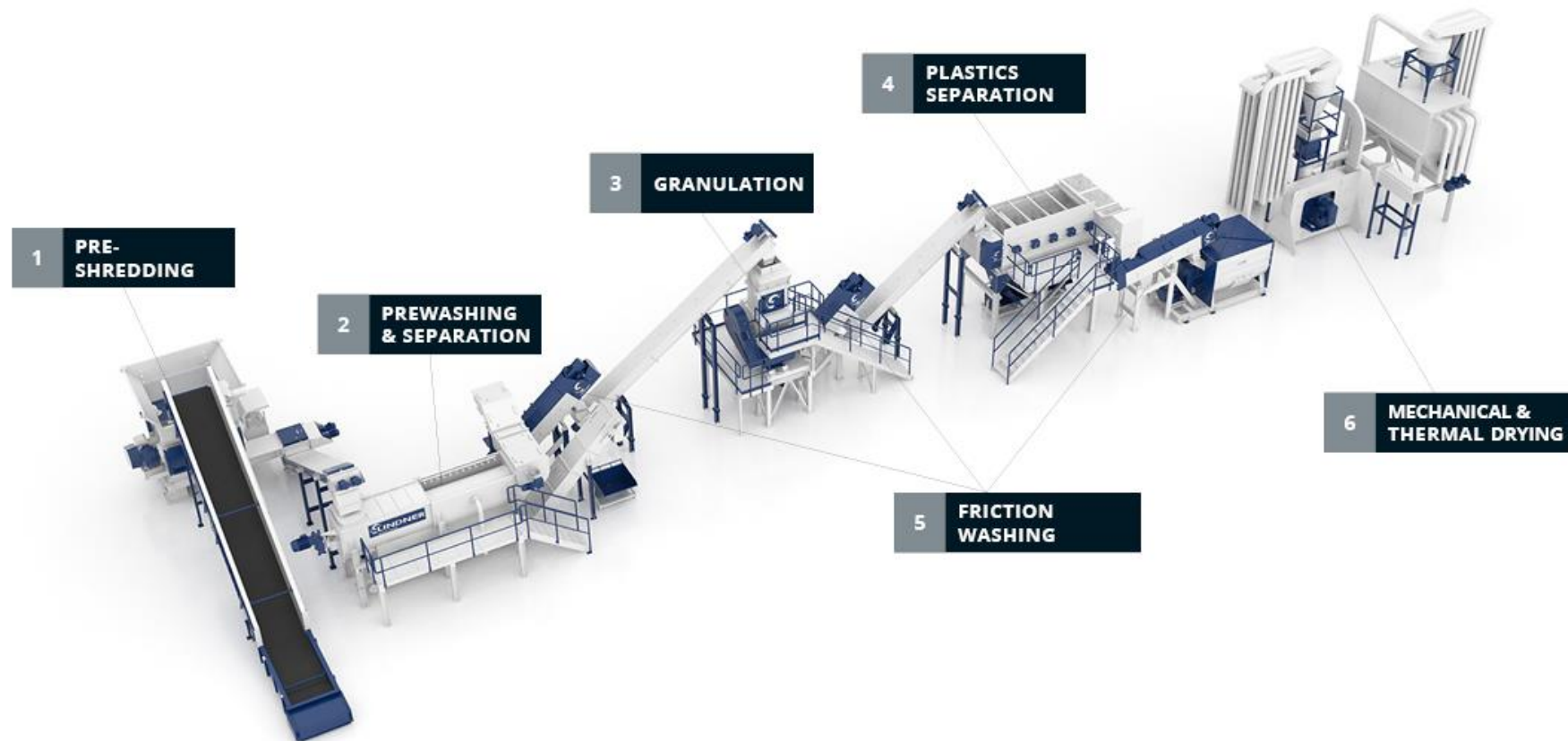
# POST-CONSUMER SCRAP WASHING LINE





# Bogucki Folie

## RECYCLING LINE



# Total consumption of recycled plastics in our products was more than 7000 metric tons (2019)



We can recycle both mono-material and multi-material plastics



All our products are available with a **B-ECO certificates**





**Every B-ECO product is available with certificate a 50% or 100% of post consumer recycled materials\***



**Bogucki  
Folie**



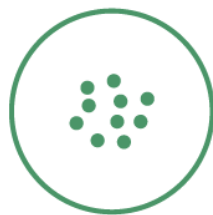
leaf – ecology symbol

+



foil roll projection

+



Raw material pellets

=



**B-ECO**

# Field of application

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## COLLATION SHRINK FILMS



# Field of application

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## HYGIENE PRODUCT OVER-WRAPS





# Field of application

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**FROZEN FOOD  
PACKAGING &  
INDUSTRIAL PACKAGING**



# Technical data sheet - example



## TECHNICAL DATA SHEET



### B-ECO

Composition PE (50% content of recycled material)

Color TRANSPARENT

#### FILM PARAMETERS

	VALUE	UNIT	TOLERANCE	TEST METHOD
Thickness	60	μm	± 20 %	IJ-03
Yield	15-20	m <sup>2</sup> /kg		theoretical value
Width	≤2580	mm	± 5 mm	PN-C-89258-1
Elongation at break <sup>1</sup>	MD ≥150	%		PN-EN ISO 527-3
	TD ≥200			
Tensile at break <sup>1</sup>	MD ≥15	MPa		
	TD ≥11			
Puncture resistance <sup>1</sup>	≥1	N		ASTM F 1306
Shrink <sup>1</sup>	MD 60-80	%		IJ-04
	TD 5-35			
COF <sup>2</sup>	0,1-0,5			ISO 8295:1995

#### ROLLS PARAMETERS

Ø paper core	76	mm	± 0,4 mm
Ø roll	≤1000	mm	

#### UWAGI

These parameters are based on laboratory tests and can be used only as an overview of the film performance.

We recommend to perform an independent test of the film. „BOGUCKI FOLIE Spółka z ograniczoną odpowiedzialnością” Sp. k. does not take responsibility for incorrect film performance if the film was not previously tested by the Customer.

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# Methodology

\*Every product sold as sustainable is declared on a MASS BALANCE basis. BOGUCKI–FOLIE declares to withdraw the purchased amount of post consumer scrap from the market and re-process it into other products.

The exact customer's product may contain a different percentage of recycled materials, nevertheless a declared amount will be used for exact and/or different product.

This method reduces a global plastic and carbon dioxide impact on the environment.





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Folie**

Thank You for Your attention!