



# BONNIE BIO® BIODEGRADABLE

**CERTIFIED COMPOSTABLE PLASTIC ALTERNATIVES**

漳州保尼生物科技有限公司

BONNIE BIO TECHNOLOGY Co., Ltd

## HOME COMPOSTABLE BAG RANGE INTRODUCTION & OVERVIEW

Certified commercially compostable with DIN CERTCO & BPI

Certified home compostable with ABA

FDA, CE & EU Food Contact Approved

Various colours & sizes available

Bags printed with eco-friendly ink & on one side

Printed corner to easily identify bag type when on the roll

Choking & suffocation warnings printed on the bag

All rolls sealed closed with a paper sleeve

Made of PLA, Corn Starch & PBAT

A sustainable alternative that is leak proof and

just as durable as petroleum-based plastic

This is a natural product, which has a 6-9 month shelf life

Co-branded special project / customisation solutions available

Biodegrading decomposition explained simply on the bag

These bags are 100% toxin free



AS PER USA:



COMMERCALLY  
COMPOSTABLE ONLY.  
FACILITIES MAY NOT  
EXIST IN YOUR AREA.  
CERT #10528848

AS PER CANADA:



FOR COLLECTION IN MUNICIPAL  
PROGRAMS, WHERE APPROVED.  
POUR LA COLLECTE DANS LES  
PROGRAMMES MUNICIPAUX,  
OÙ APPROUVÉS. CERT #10528848

BPI CERTIFIED FOR COMMERCIAL FACILITIES.  
AUSTRALASIAN BIOPLASTIC ASSOCIATION  
CERTIFIED FOR HOME / BACKYARD COMPOSTING.



compostable  
7P9841



Home Compostable  
AS 5810  
ARAP 20023

LEAK PROOF & INTERNATIONALLY  
**CERTIFIED**  
**100% COMPOSTABLE**

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

♥♥♥ PLACE OF ORIGIN: PRC CC



PRICES DATED 15 JUNE 2020. PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE. E&OE.

[WWW.BONNIEBIO.COM](http://WWW.BONNIEBIO.COM) | [WWW.BONNIEBIO.CN](http://WWW.BONNIEBIO.CN) | [SALES@BONNIEBIO.COM](mailto:SALES@BONNIEBIO.COM)





# BONNIE BIO<sup>®</sup>

## BIODEGRADABLE

# HOME COMPOSTABLE BAG RANGE

## PRODUCT OVERVIEW



**2-2.5 LITRES | 0.5-0.7 GALLONS**  
**MULTI-PURPOSE BAGS**

Bag Dimensions (WxHxT):

230mm x 330mm x 18 microns  
9in x 13in x 71 gauge

Roll contains 15 bags - perforated

Loose Roll Stock Number:

BBM-BPLAX230MM330SR15B

Barcode: 6 009900 479309

Carton contains 48 rolls

Carton Dimensions (WxHxD):

235mm x 150mm x 165mm  
9.25in x 5.9in x 6.5in

WEIGHT: 2.85KG | 6.28 LBS

Stock Number:

BBM-PBPLAX230MM3304R15B

Barcode: 6 009900 479323

Approved Distributor

Carton Price (EX. Works):

CN¥ 95.00

Minimum Order Quantity (MOQ):

200 Cartons



**2-2.5 LITRES | 0.5-0.7 GALLONS**  
**MULTI-PURPOSE BAGS**

Box contains 4 rolls

Convenient euroslot tag

Box dimensions (WxHxD):

72mm x 165mm x 35mm

2.83in x 6.49in x 1.38in

Box Stock Number:

BBM-PBPLAX230MM3304R15B

Barcode: 6 009900 500316

Carton contains 12 boxes

Dimensions (WxHxD):

235mm x 150mm x 165mm  
9.25in x 5.9in x 6.5in

WEIGHT: 2.8kg | 6.17 LBS

Stock number:

BBM-PBPLAX230MM3304R15B12B

Barcode: 6 009900 500330

Approved Distributor

Carton Price (EX. Works):

CN¥ 95.00

Minimum Order Quantity (MOQ):

200 Cartons



**3-3.5 LITRES | 0.8-1.3 GALLONS**  
**PEDAL BIN / MINI BIN BAGS**

Bag Dimensions (WxHxT):

320mm x 340mm x 18 microns  
12.6in x 13.39in x 71 gauge

Roll contains 20 bags - perforated

Loose Roll Stock Number:

BBPBBPLAX320MM340SR20

Barcode: 6 009900 500126

Carton contains 30 rolls

Dimensions (WxHxD):

220mm x 140mm x 190mm  
8.66in x 5.51in x 7.48in

WEIGHT: 3.1kg | 6.83 LBS

Stock number:

BBPBBPLAX320MM340SR20R30

Barcode: 6 009900 500133

Approved Distributor

Carton Price (EX. Works):

CN¥ 106.20

Minimum Order Quantity (MOQ):

200 Cartons



**11-12 LITRES | 2.9-3.2 GALLONS**  
**PEDAL BIN & FOOD WASTE BAGS**

Bag Dimensions (WxHxT):

440mm x 500mm x 18 microns  
17.3in x 19.7in x 71 gauge

Roll contains 20 bags - perforated

Loose Roll Stock Number:

BBPBBPLAX440MM500SR20

Barcode: 6 009900 500140

Carton contains 30 rolls

Dimensions (WxHxD):

250mm x 170mm x 250mm  
9.84in x 6.7in x 9.84in

WEIGHT: 6kg | 13.2 LBS

Stock number:

BBPBBPLAX440MM500SR20R30

Barcode: 6 009900 500157

Approved Distributor

Carton Price (EX. Works):

CN¥ 200.10

Minimum Order Quantity (MOQ):

150 Cartons



**15 LITRES | 4 GALLONS**  
**MULTI-PURPOSE BAGS**

Bag Dimensions (WxHxT):

410mm x 610mm x 25 microns  
16.14in x 24in x 100 gauge

Drawstring is home compostable

Roll contains 25 bags - perforated

Loose Roll Stock Number:

BBM-PBPLAX410MM610SR25

Barcode: 6 009881 088897

Carton contains 20 rolls

Dimensions (WxHxD):

320mm x 220mm x 270mm  
12.6in x 8.66in x 10.63in

WEIGHT: 10kg | 22 LBS

Stock number:

BBM-PBPLAX410MM610SR25R20

Barcode: 6 009881 088903

Approved Distributor

Carton Price (EX. Works):

CN¥ 475.00

Minimum Order Quantity (MOQ):

100 Cartons



**30-32 LITRES | 8-8.5 GALLONS**  
**PEDAL BIN & TALL KITCHEN BAGS**

Bag Dimensions (WxHxT):

610mm x 810mm x 22 microns  
24in x 31.9in x 87 gauge

Roll contains 15 bags - perforated

Loose Roll Stock Number:

BBPBBPLAX610MM810SR15

Barcode: 6 009900 500164

Carton contains 20 rolls

Dimensions (WxHxD):

330mm x 135mm x 315mm  
13in x 5.31in x 12.4in

WEIGHT: 8.5kg | 18.75 LBS

Stock number:

BBPBBPLAX610MM810SR15R20

Barcode: 6 009900 500171

Approved Distributor

Carton Price (EX. Works):

CN¥ 269.23

Minimum Order Quantity (MOQ):

100 Cartons



# BONNIE BIO<sup>®</sup>

## BIODEGRADABLE

# HOME COMPOSTABLE BAG RANGE

## PRODUCT OVERVIEW CONTINUED



85 LITRES | 22.5 GALLONS  
DUSTBIN / TRASH CAN BAGS

Bag Dimensions (WxHxT):  
635mm x 935mm x 23 microns  
25in x 36.8in x 91 gauge

Roll contains 12 bags - perforated  
Loose Roll Stock Number:  
BBRBBPLAX635MM935SR12  
Barcode: 6 009900 500188

Carton contains 15 rolls  
Dimensions (WxHxD):  
310mm x 190mm x 190mm  
12.2in x 7.5in x 7.5in  
WEIGHT: 6.2kg | 13.7 LBS  
Stock number:  
BBRBBPLAX635MM935SR12R15  
Barcode: 6 009900 500195

Approved Distributor  
Carton Price (EX. Works):  
CNY 200.13  
Minimum Order Quantity (MOQ):  
100 Cartons



113LITRES | 0.5-0.7 GALLONS  
LAWN & LEAF BAGS

Bag Dimensions (WxHxT):  
760mm x 830mm x 28 microns  
29.9in x 32.7in x 110 gauge

Roll contains 10 bags - perforated  
Loose Roll Stock Number:  
BBLLBPLAX760MM830SR10  
Barcode: 6 009881 088668

Carton contains 15 rolls  
Dimensions (WxHxD):  
295mm x 190mm x 220mm  
11.6in x 7.5in x 8.66in  
WEIGHT: 6.7kg | 14.8 LBS  
Stock number:  
BBLLBPLAX760MM830SR10R15  
Barcode: 6 009881 088675

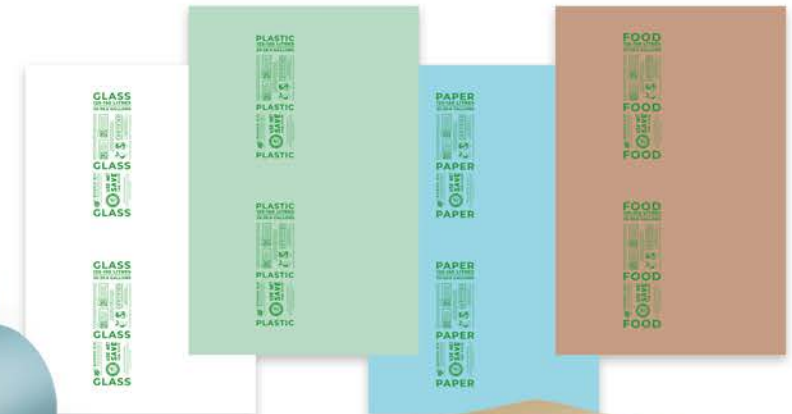
Approved Distributor  
Carton Price (EX. Works):  
CNY 207.14  
Minimum Order Quantity (MOQ):  
100 Cartons

### CO-BRANDED SPECIAL PROJECT / CUSTOMISATION SOLUTIONS AVAILABLE

### COLOUR CODED COMPOSTABLE RECYCLING BAGS CONCEPT

125-150L BAGS | 750mm x 1140mm x 40 microns. Developed four different colour bags for a waste collection & recycling solution

Carton contains 20 rolls of 5 bags  
Approved Distributor  
Carton Price (EX. Works):  
CNY 263.00



**GLASS** WHITE  
**PLASTIC** LIGHT GREEN  
**PAPER** BLUE  
**FOOD** BROWN

Minimum order quantities required  
Approved co-branding with Bonnie Bio  
Bonnie Bio will work in partnership with you to provide a solution  
Once off conceptualisation, art design & printing plate fees





# BONNIE BIO<sup>®</sup> BIODEGRADABLE

## HOME COMPOSTABLE BAG RANGE POINT OF SALE OVERVIEW & U.S.P.s

### COUNTER-TOP POINT OF SALE (POS) CARTON OF 48 LOOSE 2-2.5L MULTI-PURPOSE BAG ROLLS

Closed point of sale box as delivered to you.

One point of sale box per carton.

Lid and tongue fold back to create back board display.

Opened 48 loose roll point of sale box with front panel removed along perforated line.

2-2.5L Multi-Purpose Bags are ideally suited for natural, organic waste, fresh food etc...

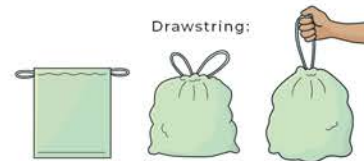


### UNIQUE SELLING POINTS

2-2.5L bag has a straight, sealed bottom, 3-5L to 125-150L (including drawstring) bag range have a gathered, sealed bottom for extra carrying strength.



Four roll box with euro slot for shelf hanging.

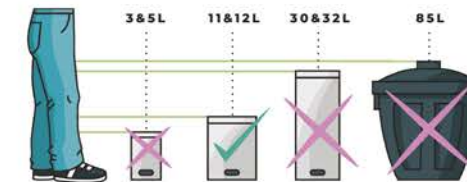


Drawstring:



Lawn & Leaf:

3-5L to 85L Bag Range:



Clear & simple illustrations to identify bag differences.

Unique & easily identifiable branding across full cascading bag range.



All bags are marked to easily identify bag size once the roll is open.



Graded food safe.



# BONNIE BIO® BIODEGRADABLE

## HOME COMPOSTABLE BAG RANGE TECHNICAL / DATA SHEET

THIS IS TO CERTIFY THAT BONNIE BIO TECHNOLOGY CO., Ltd  
HAS MANUFACTURED CERTIFIED COMPOSTABLE BAGS /  
REFUSE BAGS TO THE FOLLOWING SPECIFICATIONS:

FEATURES	APPLICATIONS
<ul style="list-style-type: none"> <li>Compostable</li> <li>Excellent property</li> <li>In the form of granules</li> </ul>	<ul style="list-style-type: none"> <li>Blowing film</li> </ul>

Properties (1)	ASTM	TEST CONDITION	S.I. UNITS	TYPICAL VALUES (2)
<b>MECHANICAL</b>				
Tensile Strength	D638	50mm/min	MPa	12
Elongation	D638	50mm/min	%	300
Flexural Strength	D790	2mm/min	MPa	5
Flexural Modulus	D790	2mm/min	MPa	180
Impact Strength, IZOD notched	D256	4mm, 23°C	KJ/m2	NB
<b>THERMAL</b>				
Heat Distortion Temp.	D648	1.8MPa, 6.4mm	°C	<50
Melting Point	DD3418	Granules	°C	135-145
Melt Flow Rate	D1238	200°C, 2.16KG	g/10min	2
<b>OTHERS</b>				
Specific Gravity	D792	23°C	g/cm3	1.24
Mold Shrinkage	D955	23°C	%	0.4-0.6

### COMPOSITION (EXPRESSED IN % ON DRY WEIGHT BASIS)

PBAT resin	60.9%	Glycerin	4%
Corn Starch	30%	Aluminate Coupling Agent	1%
PLA	4%	Citric Acid	0.1%

### PRESSING CONDITIONS (EXTRUSION)

Properties (1)		START POINT	RANGE
Melt Temp		160°C	150-165°C
Barrel Zone Temp.	Rear	160°C	150-165°C
	Center	165°C	150-165°C
Flexural Modulus	Front	160°C	150-165°C
Mold Temp		45°C	45°C
Processing Temp. Limit		170°C	
Injection Speed		Slow to Moderate	
Back Pressure		5-15MPa	
Pre-Dry Requirements		80°C, 4hr	

### CERTIFICATIONS

Bonnie Bio Technology provides bags / refuse bags to meet all of the requirements to disintegrate, decompose and compost as set out by the following international standards:  
AS 5810-2010, DIN EN 13432:2000-12 and ASTM D6400:2012-01.

The bags / refuse bags have the following certifications:  
FDA Approved, EU Food Contact EU 10/2011 & EU 2018/213 and CE.



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COMPOSTABLE ONLY.  
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CERT #10528848



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PROGRAMS, WHERE APPROVED.  
POUR LA COLLECTE DANS LES  
PROGRAMMES MUNICIPAUX,  
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BPI CERTIFIED FOR COMMERCIAL FACILITIES.  
AUSTRALASIAN BIOPLASTIC ASSOCIATION  
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The data sheet is just for reference. In actual manufacturing process, the holding parameter should be adjusted by construction of mould, shape & size of product, and so on.