

ECOPOND[®] Compostable Polyesters

B100 M75

Production Description

FEATURES	APPLICATIONS
<ul style="list-style-type: none">• Compostable• High Cost-Effective	<ul style="list-style-type: none">• Film making• Bags

Typical Properties

Properties ^[1]	Test Method	Test Condition	S.I. Units	Values ^[2]
Specific Gravity	ISO 1183	23°C	g/cm ³	1.8-2.2
Moisture	ISO 6188	100°C	Ppm	≤800

[1] Not to be construed as specifications.

[2] These listed values are measured by test specification and used for referential purpose only.

Quality Control

Specific Gravity data given in our literature are typical values, which are not part of our product specification.

Form Supplied and Storage

Temperatures during transportation and storage should not exceed 70°C at any time. Storage time is not suggested to be over 12 months under proper conditions in an unopened bag, the product should be used as soon as possible when the package is opened.

Trade name	Net weight
B100 M75	25 kg/package

Processing Conditions

- B100 M75 can be added in PBAT resin material with 15% recommended as filler. B100 M75 has good processing stability through conventional blown film or cast film process.
- Well packaged products can be used directly. If the package is damaged before use, the product should be dried prior to processing. Moisture levels above 1000 ppm may affect film-blowing operation;
- Effective drying takes place at 80°C for 5 hours.
- Processing parameters for blowing film:

Temperature zone		Set value ^[1]	Range
Melt Temperature		140°C	130-150°C
Barrel Zone Temperature	Rear	140°C	130-150°C
	Center	145°C	130-160°C
	Front	145°C	130-160°C
Die Head Temperature		140°C	130-150°C
Processing Temperature Limit		180°C	

[1] The data sheet is just for reference. In actual process, the parameter should be adjusted.

Safety Advice

Direct contact with the melting resin should be avoided during processing operations. The processing area should be well ventilated, as during processing the materials might emit fumes containing decomposing substances, which may be irritating. We recommends that clients should investigate the application demand of their products in advance to ensure proper use of this product, and feel free to contact with us for technical support when necessary.

ZHUHAI KINGFA BIOMATERIAL CO., LTD.

Address: NO.177, Ninth Petrochemical Road, Nanshui town, Zhuhai,
Guangdong Province, P. R. China.

Tel.: +86 (756)- 7633607

Fax: +86 (756)- 7633607

NOTICE: Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE ARE EXPRESSLY EXCLUDED.