

# ECO-BMF-201(PBAT/PLA/starch)

## PBAT+PLA+starch

### 1. Product Description

ECO-BMF-201 is a PBAT/PLA/starch which possesses the characteristic of full biodegradability as well as excellent mechanical properties, well suited for production of blown films.

### 2. Material Properties(quality test report)

Test item		Unit	Test method	Test result
MFR		g/10min	GB/T 3682	2-5
Tensile Strength	lengthwise	MPa	GB 13022-91	15.17
	Width-wise	MPa	GB 13022-91	19.86
Elongation at Break	lengthwise	%	GB 13022-91	515
	Width-wise	%	GB 13022-91	290
Right Angle Tearing Strength	lengthwise	N/mm	GB/T 1040.3-2006	117
	Width-wise	N/mm	GB/T 1040.3-2006	105
Density		g/cm <sup>3</sup>	GB/T 1633	1.30±0.05
Appearance			Q/32011SSD001-002	White
Degradation rate in 100 days		%	ASTM 6400/EN13432	>98

### 3. Quality guarantee

The company has passed the ISO9001:2008 Quality System Authentication;

Products have successively passed authentication such as SGS, ASTM6400, EN13432.