

EcoHumer BFX303

Polylactic Acid

WooSung Chemical Co., Ltd.

Message:

BFX303 is biodegradable compound for blown film. The Base material of BFX303 is PLA(Polylactic Acid). The film made by BFX303 will be stiff in comparison with PBAT-based film, and it will have good modulus in maintaining the shape.

General Information			
Features	Biodegradable		
Uses	Blown Film		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Density	1.24 - 1.26	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20 - 40	g/10 min	ASTM D1238
Water content-105°C/10min		ppm	Internal method
Heat Seal Strength ¹ (30.0 µm)	10	N	Internal method
Tear strength-1mm notch ² (30.0 µm)	87.2	kN/m	Internal method
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD (yield, 30 µm, blown film)	37.6	MPa	Internal method
Tensile Elongation - MD (Broken, 30 µm, blown film)	290	%	Internal method
NOTE			
1.	Blown Film		
2.	Blown Film		

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