

## Stanelco Bioplast<sup>®</sup> Wrap 100 Biodegradable Plastic

Category : Polymer , Renewable/Recycled Polymer , Thermoplastic

**Material Notes:**

Bioplast Wrap 100 is a plasticiser-free thermoplastic material which allows the production of films with coated paper-like properties. Wrap 100 is an excellent, eco-friendly alternative to laminated paper plastics in deli type applications. Wrap 100 has a monolayer construction, manufactured using potato flour and copolyester. Naturally white, Wrap 100 can be coloured, provided the pigments used are biodegradable. Films are also suitable for printing either by flexographic or offset printing without any requirement for pre-treatment. Wrap 100 meets the requirements of EC Directive 2002/72/EU for food contact plastics and all ingredients are covered by existing FDA regulations or effective FCN's. Products made using Wrap 100 resin are 100% biodegradable and depending on their thickness, compostable to EN13432 up to 98 micron (Din Certco Reg 7W0074) Wrap 100 films are resistant to moisture, water and grease making it ideal for use in the following applications: deli, bakery and fast food wraps and bags. The excellent performance of Wrap 100 can be obtained with a monolayer film, giving it both economical and ecological advantages to multilayered films. Further advantages include: heat and ultrasonic sealability and shrinkability. Bioplast Wrap 100 polymer can be perfectly processed on standard blown film lines in thicknesses of 20-100 micron. Information provided by Stanelco.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Stanelco-Bioplast-Wrap-100-Biodegradable-Plastic.php](http://www.lookpolymers.com/polymer_Stanelco-Bioplast-Wrap-100-Biodegradable-Plastic.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.850 - 0.950 g/cc	0.0307 - 0.0343 lb/in <sup>3</sup>	DIN 53466
Density	1.30 - 1.50 g/cc	0.0470 - 0.0542 lb/in <sup>3</sup>	DIN 53479/A
Melt Density	1.20 - 1.40 g/cc	0.0434 - 0.0506 lb/in <sup>3</sup>	DIN 53735
Particle Size	1000 - 3000 Åµm	1000 - 3000 Åµm	Diameter per caliper rule
Melt Flow	5.0 - 30 g/10 min @Load 2.16 kg, Temperature 190 Å°C	5.0 - 30 g/10 min @Load 4.76 lb, Temperature 374 Å°F	DIN 53735

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.30 %	<= 0.30 %	BIOTEC Test
Shelf Life	3.00 Month	3.00 Month	with proper storage

## Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China