

## Metabolix M-vera,ç B5010 Film Grade Compostable Bioplastic

Category : Polymer , Film , Renewable/Recycled Polymer , Thermoplastic

### Material Notes:

For use in tough, certified compostable film and bag applications. Mvera B5010 offers a wide range of attractive traitsâ€”excellent tear and puncture toughness, excellent seal strength, good printability, translucencyâ€”while still processing easily on conventional thermoplastics equipment. Mvera B5010 is designed for the compostable bag and film market where industrial composting is available. Potential uses include blown and cast film applications for industrial can liners, retail bags, organics and yard waste collection bags. Mvera B5010 is certified by VinÃ§otte to meet EN 13432 composting standards.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Metabolix-M-vera-B5010-Film-Grade-Compostable-Bioplastic.php](http://www.lookpolymers.com/polymer_Metabolix-M-vera-B5010-Film-Grade-Compostable-Bioplastic.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D792
Thickness	25.0 microns	0.984 mil	As tested
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 190 Â°C	3.0 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ISO 1183

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	120 %	120 %	ASTM D882
Flexural Modulus	0.220 GPa	31.9 ksi	ISO 178
Elmendorf Tear Strength, MD	5.91 g/micron	150 g/mil	ASTM D1922
Dart Drop	9.84 g/micron	250 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	30.0 MPa	4350 psi	ISO 527

Descriptive Properties	Value	Comments
Color	White	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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