

PB05001F

Bioplastic compound resin

Special Characteristics : PB05001F is bioplastic compound which designed for general purpose packaging film applications with the well balance of processability, mechanical properties and seal ability.

Typical Applications : Applications are suitable for disposable bags, shopping bags, T-shirt bags and general purposed bags.

Typical Properties :

Properties	PB05001F	Unit	Test Method
Physical Properties			
Melt Flow Rate 190°C; 2.16kg	5	g/10 min	ASTM D1238
Density	1.26	g/cm ³	ISO 1183
Mechanical Properties (Film Specimens)*			
Tensile strength	25(MD)	MPa	ASTM D882
	20(TD)		
Elongation at break	170(MD)	%	ASTM D882
	350(TD)		
Dart impact	450	g	ASTM D1709

*Remark

Film sample 35 micron; BUR = 3 (For mechanical testing), MD = Machine direction and TD = Transverse direction

Recommendation :

Extruder temperature: 140-170 °C

Die temperature: 140-170 °C

FDA Statement :

Food and Drug Administration US FDA 21 CFR 177.1520. More compliance regulations and standards that related to the product shall contact in details.

Compostable Statement :

The raw materials for manufacturing which are certified to European Compost Standard EN13432 : 2000, requirements for packaging recoverable through composting and biodegradation.

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication; however, we do not assume any liability what so ever for the accuracy and completeness of such information. We make no warranties which extend beyond the description contained herein. Nothing herein shall constitute any implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose. The customer is responsible for the appropriate, safe and legal use, processing and handling of our products. No liability can be accepted in respect of the use of our products in conjunction with other materials. The information contained herein relates exclusively to our products when not used in conjunction with any third party materials.

Note : Properties reported here are typical values of the product, not to be considered as specifications.
GC makes no representations as to the accuracy or completeness of the information contained herein.