

# BIOPLAST® 200

Thermoplastic

BIOTEC GmbH & Co. KG

## Message:

BIOPLAST 200 is the brand name of BIOTEC for an entirely new kind of plasticizer free thermoplastic material. Therefore there are no deposits or vapors by softening during processing of BIOPLAST 200th The material is suitable for blown film extrusion, cast film extrusion, profile extrusion and injection molding of completely biodegradable products. The biodegradability and other functional properties enable the converter into product areas vorzu-penetrate to the traditional thermoplastic materials were previously inaccessible. The potato starch used in BIOPLAST 200 is not, as in the case of thermoplastic Starch (TPS), mixed with plasticizers, but the original, native Condition incorporated into the material. BIOPLAST 200 is therefore produced by superior processing and performance characteristics combined with excellent storage ability of.

General Information			
Features	Biodegradable		
	Renewable Resource Content		
Uses	Bags		
	Coating Applications		
	Film		
	Food Packaging		
	Food Wrap		
	Netting		
	Paper Coatings		
	Sheet		
	Shrink Wrap		
Agency Ratings	EN 13432		
	EU 2002/72/EC		
	EU 67/548/EEC		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Blown Film		
	Cast Film		
	Film Extrusion		
	Injection Molding		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.32	g/cm <sup>3</sup>	ISO 1183/A
Apparent Density	0.78	g/cm <sup>3</sup>	ISO 60
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	2.4	g/10 min	ISO 1133
Particle Size	2.50	mm	

Water Content	< 0.50	%	Internal Method
Fill Analysis	Nominal Value	Unit	Test Method
Melt Density	1.18	g/cm <sup>3</sup>	ISO 1133

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#### Recommended distributors for this material

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