

Terraloy™ MB-20001A

Thermoplastic Starch + Copolyester

Teknor Apex Company

Message:

Terraloy MB-20001A is a Thermoplastics Starch/Biodegradable Copolyester masterbatch that contains up to 50% of TPS renewable content and is 100% biodegradable. Biodegradable Copolyester melt index in the masterbatch is 5. This compound is for blown film application as well as injection molded parts. Recommended letdown ratio between TPS and Biodegradable Copolyester is 60:40.

General Information			
Features	Biodegradable		
	Renewable Resource Content		
Uses	Film		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (210°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	120	°C	ASTM D3418
Additional Information	Nominal Value	Unit	
Biobased Content	< 50	%	
Let Down Ratio - with Copolyester	60:40		

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