

Terraloy™ MB-20001A

Teknor Apex Company - Thermoplastic Starch + Copolyester

Friday, June 30, 2017

General Information

Product Description

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

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Biodegradable	• Renewable Resource Content	
Uses	• Film		
Forms	• Pellets		
Processing Method	• Blown Film		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32		ASTM D792
Melt Mass-Flow Rate (MFR) (210°C/2.16 kg)	2.1	g/10 min	ASTM D1238
Biobased Content	< 50	%	
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	248	°F	ASTM D3418
Additional Information	Nominal Value	Unit	
Let Down Ratio - with Copolyester	60:40		

Notes

¹ Typical properties: these are not to be construed as specifications.

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