



Terraloy® MB-10000A

Teknor Apex Company - Thermoplastic Starch + LLDPE

General Information

Product Description

Terraloy MB-10000A is a Thermoplastics Starch/LLDPE masterbatch that contains up to 50% of TPS renewable content. Melt index (E) for LLDPE for the masterbatch is 0.9. This compound is for blown film application. Recommended letdown ratio with LLDPE is 1:1.

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.13		ASTM D792
Melt Mass-Flow Rate (MFR) (210°C/2.16 kg)	1.5	g/10 min	ASTM D1238
Biobased Carbon Content	< 50	%	
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	257	°F	ASTM D3418
Additional Information	Nominal Value	Unit	
Let Down Ratio - with LLDPE	1:1		

Notes

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