



Terraloy® MB-18003A

Teknor Apex Company - Thermoplastic Starch + HIPS

General Information

Product Description

Terraloy MB-18003A is a Thermoplastics Starch/HIPS masterbatch that contains up to 50% of TPS renewable content. High Impact PS Melt index (L) for the masterbatch is 9.8. This compound is intended for injection molding. Recommended letdown ratio with PS 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	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.18		ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	14	g/10 min	ASTM D1238
Biobased Carbon Content	< 50	%	
Additional Information	Nominal Value	Unit	
Let Down Ratio - with PS	1:1		

Notes

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