



Terraloy® BP-18003A

Teknor Apex Company - Thermoplastic Starch + HIPS

General Information

Product Description

Terraloy BP-18003A is a Thermoplastics Starch/HIPS ready-to-process compound that contains up to 30% of TPS renewable content. This compound is intended for injection molding application.

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.10		ASTM D792
Biobased Carbon Content	< 30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	255000	psi	ASTM D638
Tensile Strength (Break)	2520	psi	ASTM D638
Tensile Elongation (Break)	17	%	ASTM D638
Flexural Modulus	220000	psi	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.9	ft-lb/in	ASTM D256

Notes

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