



Terraloy® BP-13000A

Teknor Apex Company - Thermoplastic Starch + PP

General Information

Product Description

Terraloy BP-13000A is a Thermoplastics Starch/PP ready-to-process compound that contains up to 30% of TPS renewable content. This compound is intended for injection molding as well as extrusion applications.

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.997		ASTM D792
Biobased Carbon Content	< 30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	163000	psi	ASTM D638
Tensile Strength (Break)	3040	psi	ASTM D638
Tensile Elongation (Break)	75	%	ASTM D638
Flexural Modulus - 1% Secant	154000	psi	ASTM D790B
Flexural Strength (5.0% Strain)	4720	psi	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.2	ft-lb/in	ASTM D256
Unnotched Izod Impact	22	ft-lb/in	ASTM D4812

Notes

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