

# Terraloy™ BP-13000A

Teknor Apex Company - Thermoplastic Starch + PP

Friday, June 30, 2017

## 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 <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.997		ASTM D792
Biobased Content	< 30.0		
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

<sup>1</sup> Typical properties: these are not to be construed as specifications.

#### Teknor Apex Company Corporate Headquarters

*In U.S. for Vinyls, TPEs, Colorants,  
Engineered Thermoplastics (Chem Polymer)*

505 Central Avenue  
Pawtucket, Rhode Island 02861 U.S.

Phone: 401-725-8000  
Fax: 401-725-8095  
Toll Free (U.S. only) 800-556-3864

info@teknorapex.com

#### Teknor Apex U.K. Ltd.

Tat Bank Road  
Oldbury, West Midlands B69 4NH England

Phone: (44) 121-665-2100  
Fax: (44) 121-544-5530

etpsales@teknorapex.co.uk



Revision Date: 12/12/2013