

Terraloy™ BP-13000A

Thermoplastic Starch + PP

Teknor Apex Company

Message:

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 Information			
Features	Renewable Resource Content		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.995	g/cm ³	ASTM D792

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1120	MPa	ASTM D638
Tensile Strength (Break)	21.0	MPa	ASTM D638
Tensile Elongation (Break)	75	%	ASTM D638
Flexural Modulus - 1% Secant	1060	MPa	ASTM D790B
Flexural Strength (5.0% Strain)	32.5	MPa	ASTM D790B

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	66	J/m	ASTM D256
Unnotched Izod Impact	1200	J/m	ASTM D4812

Additional Information	Nominal Value
Biobased Content	< 30.0

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