

Terraloy™ BP-20001A

Thermoplastic Starch + Copolyester

Teknor Apex Company

Message:

Terraloy BP-20001A is a Thermoplastics Starch/Biodegradable Copolyester ready-to-process compound that contains up to 40% of TPS renewable content and is 100% biodegradable. This compound is for blown film application as well as injection molded parts.

General Information			
Features	Biodegradable		
	Renewable Resource Content		
Forms	Pellets		
Processing Method	Blown Film		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD	86.0	MPa	
TD	82.0	MPa	
Tensile Strength			ASTM D882
MD : Break	26.0	MPa	
TD : Break	20.3	MPa	
Tensile Elongation			ASTM D882
MD : Break	520	%	
TD : Break	500	%	
Dart Drop Impact	290	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	300	g	
TD	380	g	
Oxygen Transmission Rate	410	cm ³ /m ² /24 hr	ASTM D3985
Additional Information	Nominal Value		
Biobased Content	< 40.0		

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