

Terraloy™ BP-10000A

Thermoplastic Starch + LLDPE

Teknor Apex Company

Message:

Terraloy BP-10001A is a Thermoplastics Starch/LLDPE ready-to-process compound that contains up to 30% of TPS renewable content. This compound is for blown film application.

General Information			
Features	Renewable Resource Content		
Forms	Pellets		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
MD	193	MPa	
TD	288	MPa	
Tensile Strength			ASTM D882
MD : Break	53.0	MPa	
TD : Break	30.9	MPa	
Tensile Elongation			ASTM D882
MD : Break	480	%	
TD : Break	680	%	
Dart Drop Impact	450	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD	320	g	
TD	620	g	
Oxygen Transmission Rate	7100	cm ³ /m ² /24 hr	ASTM D3985
Water Vapor Transmission	9.0	g/m ² /24 hr	Internal Method
Additional Information	Nominal Value		
Biobased Content	< 30.0		

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