

# SKYDEG 2101

## compostable



## SKYDEG 2101/30

SKYDEG compostable films use some of the latest generation Bio-Polymers available in the market to offer a compostable film solution to its customers in applications such as Industrial Can Liners, Retail Bags, Organics and Waste Collection Bags, etc.

SKYDEG 2101 was developed using resins that meet current compostability standards and is certified compostable by both Vinçotte and BPI:

- Low Gauges Available
- Excellent Tear and Puncture Resistance
- Improved Optical Properties
- Good Printability
- Outstanding Mechanical Properties
- Excellent Seal Strength
- Free of BPA and Phthalates

The SKYDEG Compostable range of films are designed to offer competitive, cost effect packaging solutions for their specific market sector

**CONTACT US FOR MORE INFORMATION**

## Technical Data

### Dimensional Properties

Property		Units	Test Method	Nominal Value	Tolerance
Gauge		µm	-	30.0	±8%
Yield		gsm	-	36.9	-

### Physical Properties

Property		Units	Test Method	Nominal Value	Tolerance
C.O.F.	UT/UT	-	ASTM D1894	0.200	± 0.075
Corona Treatment	-	Dynes	-	40	±2
Elmendorf Tear (Initiated)	MD	-	ASTM D1922	300	tbc
	TD	-	ASTM D1922	190	tbc
Tensile 25% Elongation	MD	N/25mm	ASTM D882	8.5	± 3
	TD	N/25mm	ASTM D882	9.5	± 3
Tensile at Break	MD	N/25mm	ASTM D882	25.0	± 4
	TD	N/25mm	ASTM D882	25.0	± 4
Elongation at Break	MD	%	ASTM D882	450	± 75
	TD	%	ASTM D882	800	± 100
1% Secant Modulus	MD	%	ASTM D882	175	tbc
	TD	%	ASTM D882	120	tbc

### Visual Properties

Property		Units	Test Method	Nominal Value	Tolerance
Haze		%	ASTM D1003	28.0	tbc

### Notes

The information represented herein refers to typical values by method and apparatus and should be considered as such.