

SKYDEG 2101

compostable



SKYDEG 2101/40

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	-	40.0	±8%
Yield		gsm	-	49.2	-

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	250	tbc
Tensile 25% Elongation	MD	N/25mm	ASTM D882	12.0	± 3
	TD	N/25mm	ASTM D882	10.0	± 3
Tensile at Break	MD	N/25mm	ASTM D882	35.0	± 4
	TD	N/25mm	ASTM D882	25.0	± 4
Elongation at Break	MD	%	ASTM D882	520	± 75
	TD	%	ASTM D882	740	± 100
1% Secant Modulus	MD	%	ASTM D882	125	tbc
	TD	%	ASTM D882	125	tbc

Visual Properties

Property		Units	Test Method	Nominal Value	Tolerance
Haze		%	ASTM D1003	40.0	tbc

Notes

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