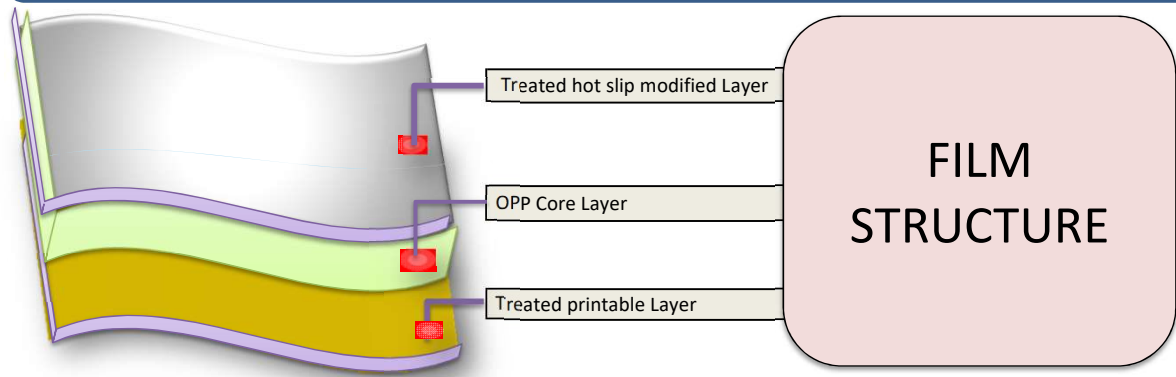



N2-HBHR: Transparent Non Heat Sealable Bopp Film with exceptional oxygen barrier Corona treated on Both side and Out side Modified Hot Slip attractive alternate for PET film.



The big salient feature of SGF BOPP N2-HBHR film




Fine Printability
Excellent Clarity



Strong Bond
Improved ink adhesion & stronger lamination bond



High Gloss
Excellent transparent



Good antistatic & Hot Slip
Good surface treatment retention



Good mechanical properties

- KEY FEATURES:**
- * Heat Resistance
 - * PET replacement printing layer
 - * Exceptional oxygen barrier
 - * Excellent anchorage of inks and adhesives on treated side
 - * Good antistatic and hot slip modified
 - * Good surface treatment retention
 - * Good mechanical properties
 - * Good dimensional stability

- APPLICATIONS:**
- * Sensitive biscuits, cookies and crackers
 - * Confectionery, snacks and chips
 - * Health and beauty care, Pet food

PROPERTIES		TEST METHOD (ASTM)	UNIT	TECHNICAL DATA		
THICKNESS		Internal	Micron	15	18	20
			(Gauge)	60	72	80
FILM DENSITY		D-1505	gm/cc	0.91	0.91	0.91
GRAMMAGE		Internal	gm/m ²	13.65	16.38	18.2
YIELD		Internal	m ² /kg	73.26	61.05	54.95
TREATMENT LEVEL		D-2578	dy/cm	38		
HAZE		D-1003	%	2.0 - 3.0		
GLOSS (AT 45°)		D-2457	%	90 - 95		
COEFF OF FRICTION	Dynamic Out/Out	D-1894	-	0.25 - 0.35		
TENSILE STRENGTH AT BREAK	MD*	D-882	kgf/cm ²	1300		
	TD*			2800		
ELONGATION AT BREAK	MD*	D-882	%	140 - 190		
	TD*			40 - 80		
LINEAR SHRINKAGE @ 120°C/5 mins	MD*	D-1204	%	5.0		
	TD*			3.0		
WVTR (38°C & 90 % RH)		F-1249	g/m ² /day	< 10.0	< 9.0	< 8.0
OXYGEN TRANSMISSION RATE (23° C & 0%RH)		D-3985	cc/m ² /day	< 130	< 120	< 110

Note: MD – Machine Direction, TD – Transverse Direction

STORAGE & HANDLING

SGFBOPPTM does not require special storage conditions. It is recommended to storage below 30°C in order to avoid any deterioration of the film surface properties. It is advisable to use the material on FIFO basis. The film should be kept at anperating environment for 24 hours before processing.SGFBOPPTM is best suitable for use within 6 months from date of dispatch.

DISCLAIMER

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects.SGF provides no warranty and accepts no liability for any loss or fitness of the product for any

***Provisional TDS issued on 05-11-2025. All previous version of this grade are invalid.**

SGFBOPP FILMS Manufacturing Facilities in India SURYA GLOBAL FLEXIFILIMS Pvt.Ltd, A-119/1,Sector-29 Yamuna Expressway Industrial Development authority Gautam Buddha Nagar, Uttar pradesh-203201,