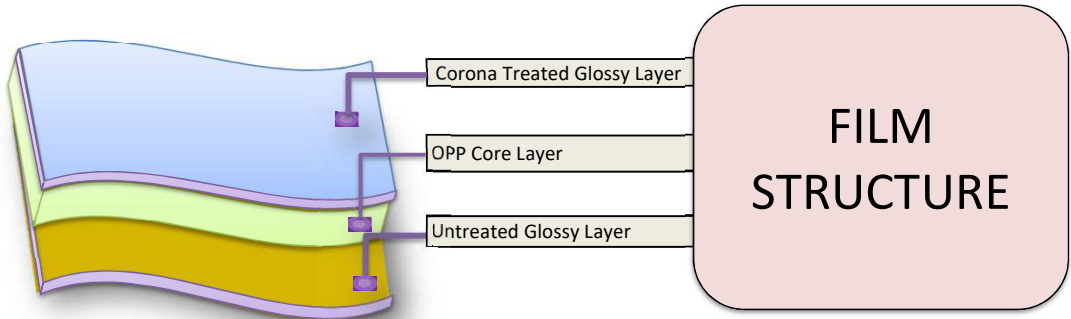



N1: Transparent non heat sealable with one side corona treated. Reverse printing and lamination BOPP film.



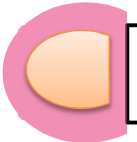
The big salient feature of SGF BOPP N1 film




Fine Printability
Excellent Clarity




Strong Bond
improved ink adhesion & stronger lamination bond



Highly Gloss
Excellent transparent



Good antistatic & Slip
Good surface treatment retention



Good mechanical properties

KEY FEATURES:

- *Excellent transparency and high gloss.
- *Excellent anchorage of inks and adhesives on treated side .
- *Good antistatic and slip properties.
- *Good surface treatment retention.
- *Good mechanical properties.
- * Good dimensional stability

APPLICATIONS:

- * Paper and board lamination .
- * Reverse Printing & Lamination.
- * Printed posters/Calendars/book/ covers lamination

PROPERTIES		TEST METHOD (ASTM)	UNIT	TECHNICAL DATA								
THICKNESS		Internal	Micron	8	9	10	12	15	18	20	25	30
			(Gauge)	32	36	40	48	60	72	80	100	120
FILM DENSITY		D-1505	gm/cc	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
GRAMMAGE		Internal	gm/m ²	7.28	8.19	9.1	10.9	13.7	16.4	18.2	22.8	27.3
YIELD		Internal	m ² /kg	137.36	122.10	109.9	91.58	73.26	61.05	54.95	43.96	36.63
TREATMENT LEVEL		D-2578	dy/cm	38								
HAZE		D-1003	%	1.5 - 2.5								
GLOSS (AT 45 °)		D-2457	%	90 - 95								
COEFF OF FRICTION	Dynamic	Internal	-	0.30 - 0.40								
TENSILE STRENGTH AT BREAK	MD*	D-882	kgf/cm ²	1250								
	TD*			2600								
MODULUS OF ELASTICITY	MD*	D-882	kgf/cm ²	18000								
	TD*			28000								
ELONGATION AT BREAK	MD*	D-882	%	130 - 190								
	TD*			40 - 80								
LINEAR SHRINKAGE (at 120°C/5 mins)	MD*	D-1204	%	5.5	5.5	5.5	5.0	4.5	4.5	4.0	3.5	3.5
	TD*			3.0	3.0	3.0	2.5	2.0	2.0	2.0	1.5	1.5

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

*TDS issued on 01-06-2023. 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,