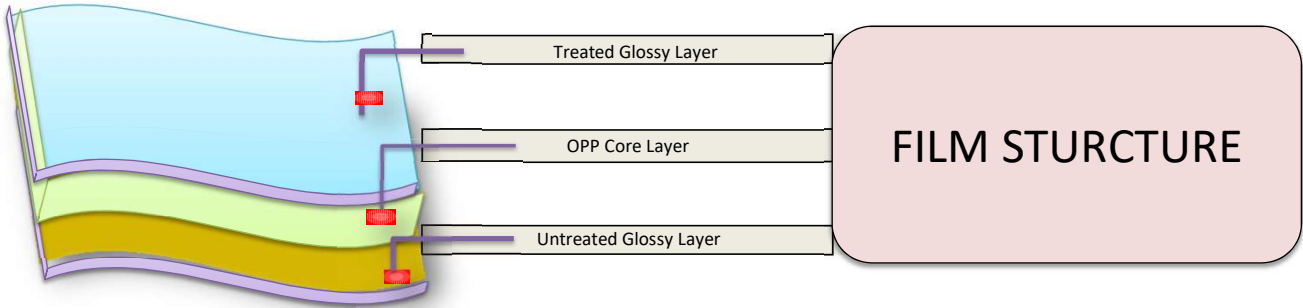


N1-BG :- Transparent non heat sealable with one side corona treated Textile bags grads films.



The big salient feature of SGF BOPP N1-BG film

Outstanding flatness
Excellent Clarity

Strong Bond
Excellent anchorage of PS adhesives

Highly Gloss
Excellent transparent

Good surface treatment retention
no back treatment

Good mechanical properties

- KEY FEATURES:**
- *Excellent transparency and high gloss.
 - *Excellent anchorage of PS adhesives on treated side .
 - * No back treatment
 - *Good surface treatment retention.
 - *Good mechanical properties.
 - * Good dimensional stability.

- APPLICATIONS:**
- * Base film for pressure sensitive adhesive tap.
 - * Textile bags.
 - * Manual wrapping Ream / Sheets.

PROPERTIES		TEST METHOD (ASTM)	UNIT	TECHNICAL DATA											
THICKNESS		Internal	Micron	25	27	29	30	32	35	37	40	42	45	50	51
			(Gauge)	100	108	116	120	128	140	148	160	168	180	200	204
FILM DENSITY		D-1505	gm/cc	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
GRAMMAGE		Internal	gm/m2	22.8	24.6	26.4	27.3	29.1	31.9	33.7	36.4	38.2	41.0	45.5	46.4
YIELD		Internal	m2/kg	44.0	40.7	37.9	36.6	34.3	31.4	29.7	27.5	26.2	24.4	22.0	21.55
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	-	0.35 - 0.45											
TENSILE STRENGTH AT BREAK	MD*	D-882	kgf/cm2	1300											
	TD*			2800											
MODULUS OF ELASTICITY	MD*	D-882	kgf/cm2	18000											
	TD*			30000											
ELONGATION AT BREAK	MD*	D-882	%	160 - 190											
	TD*			60 - 80											
LINEAR SHRINKAGE (at 120°C/5 mins)	MD*	D-1204	%	< 4.5											
	TD*			< 2.5											

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,