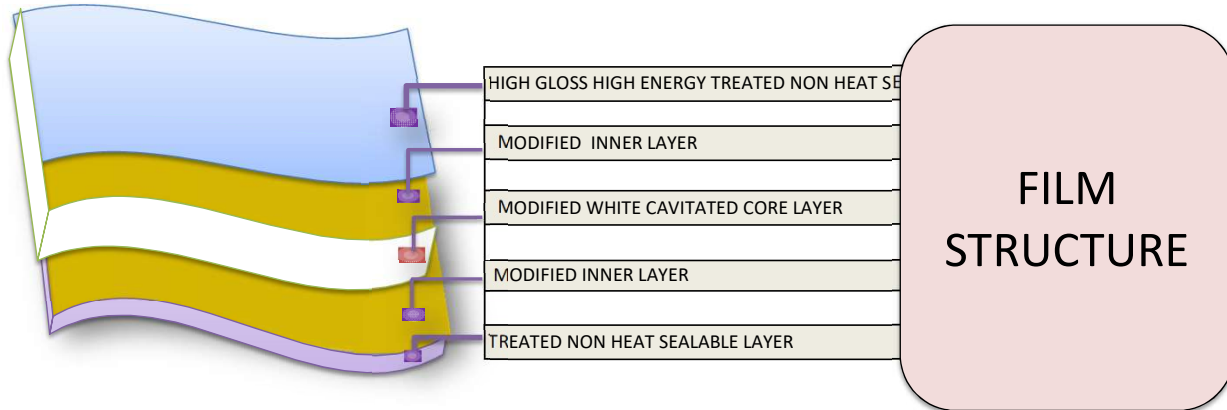




**SURYA
SGF**
SHAPING FUTURE

SGF BOPP N2-PLA
PROVISIONAL TECHNICAL
DATA SHEET

N2-PLA: Pearl White Non Heat Sealable Both side High Energy Corona Treated with Excellent Opacity BOPP Film.



The big salient feature of SGF BOPP N2-PLA film



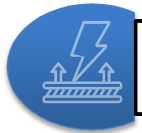
Excellent Opacity
Excellent White Pearl Effect



Strong Bond
Excellent Anchorage of Inks on
Treated Side



High Surface Gloss



Excellent Slip & Antistatic
Excellent Surface Treatment
Retention



Good mechanical
properties

KEY FEATURES:

- * Excellent Opacity
- * Excellent Pearlescent White Appearance and High Surface Gloss
- * Specially Design for Surface Printing Applications
- * High Gloss High Energy Treatment for Facilitating Surface Printing by Flexo / Gravure process
- * Excellent Anchorage of Inks on High Energy Treated side
- * Excellent Anchorage of Hot Melt and Pressure Sensitive Adhesive on Other Treated Side
- * Excellent surface treatment retention
- * Excellent Machinability

APPLICATIONS:

- * Wrap Around and Pressure Sensitive Label Application

PROPERTIES		TEST METHOD (ASTM)	UNIT	TECHNICAL DATA		
THICKNESS		Internal	Micron	38	40	50
			(Gauge)	152	160	200
FILM DENSITY		D-1505	gm/cc	0.65		
GRAMMAGE		Internal	gm/m ²	24.7	26.0	32.5
YIELD		Internal	m ² /kg	40.5	38.5	30.8
TREATMENT LEVEL		D-2578	dy/cm	39 / 38		
OPACITY		CIE	%	85	88	90
GLOSS (AT 45 °)		D-2457	%	75	75	75
COEFF OF FRICTION	Dynamic	Internal	-	0.35 - 0.45		
TENSILE STRENGTH AT BREAK	MD*	D-882	kgf/cm ²	600		
	TD*			1400		
ELONGATION AT BREAK	MD*	D-882	%	130 - 170		
	TD*			30 - 60		
HEAT SEAL RANGE		Internal	0 ^c	-		
SEALING STRENGTH (NT side) (120°C/2 Bar/1 sec)		Internal	gm/25mm	-		
LINEAR SHRINKAGE (at 120°C/5 mins)	MD*	D-1204	%	< 5.0		
	TD*			< 3.0		

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 12-01-2026. 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,