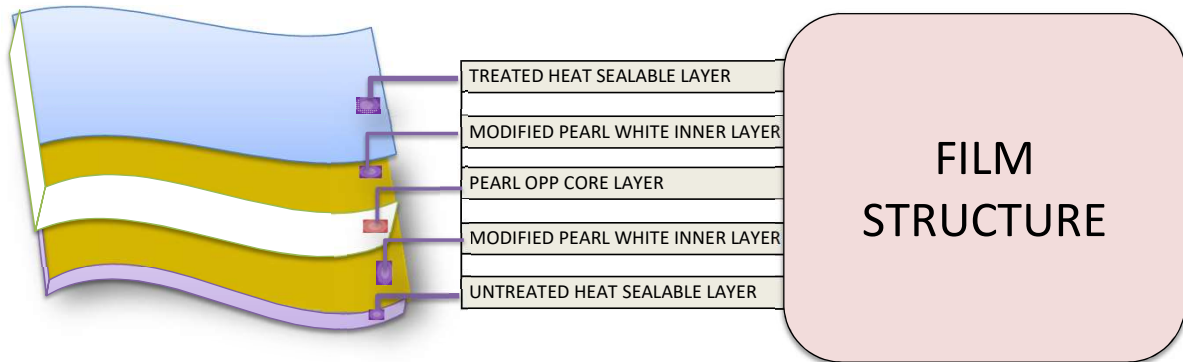



**H1-PL:** Pearl White Both Side Heat Sealable One Side Corona Treated BOPP Film.




The big salient feature of SGF BOPP H1-PL film



Excellent Opacity & Pearlicent White Apperance




Strong Bond  
Excellent Anchorage of Inks & Lamination Adhesives on Treated side



High Surface Gloss



Very Good Slip & Antistatic  
Excellent Surface Treatment Retention



Good mechanical properties

- KEY FEATURES:**
- \* Excellent Opacity.
  - \* Excellent Pearlicent White Apperance and High Surface Gloss.
  - \* Excellent Anchorage of Inks and Lamination adhesives on treated side .
  - \* Excellent Slip and Antistatic properties.
  - \* Excellent surface treatment retention.
  - \* Excellent mechanical properties.
  - \* Good dimensional stability.
  - \* Excellent Hot Tack and Heat Seal Strength.
  - \* Very Good Barrier Properties.

**APPLICATIONS:**

- \* Single / Two Ply Printing Lamination.

PROPERTIES		TEST METHOD (ASTM)	UNIT	TECHNICAL DATA				
THICKNESS		Internal	Micron	20	25	30	35	40
			(Gauge)	80	100	120	140	160
FILM DENSITY		D-1505	gm/cc	0.70				
GRAMMAGE		Internal	gm/m <sup>2</sup>	14.0	17.5	21.0	24.5	28.0
YIELD		Internal	m <sup>2</sup> /kg	71.4	57.1	47.6	40.8	35.7
TREATMENT LEVEL		D-2578	dy/cm	38				
OPACITY		CIE	%	74	75	80	85	85
GLOSS ( AT 45 ° )		D-2457	%	70	70	70	70	70
COEFF OF FRICTION	Dynamic	Internal	-	0.35 - 0.45				
TENSILE STRENGTH AT BREAK	MD*	D-882	kgf/cm <sup>2</sup>	600				
	TD*			1400				
ELONGATION AT BREAK	MD*	D-882	%	130 - 170				
	TD*			30 - 60				
HEAT SEAL RANGE (NT side)		Internal	0 <sup>c</sup>	105	105	105	106	106
SEALING STRENGTH (NT side) (120°C/2 Bar/1 sec)		Internal	gm/25mm	400	425	450	500	525
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 06-09-2025. 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 pradsh-203201,