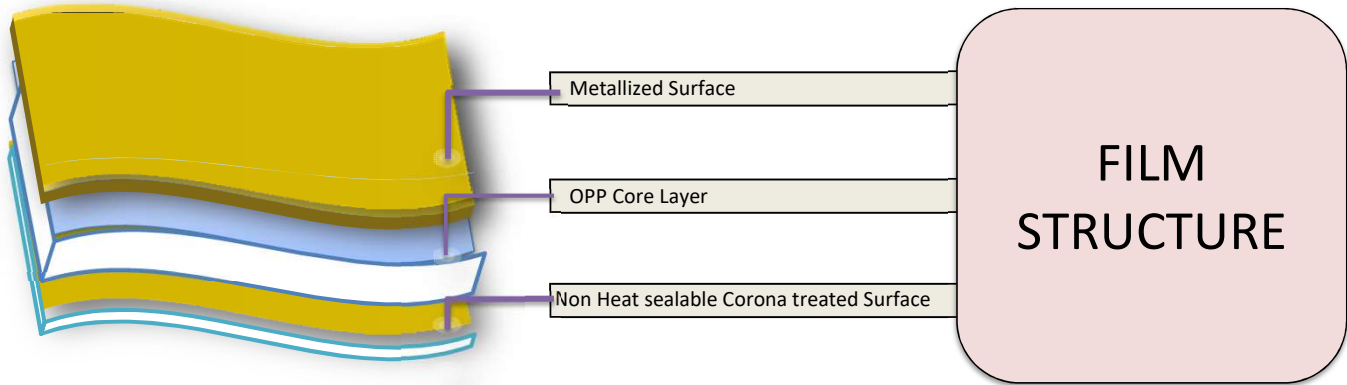


N2-MD :-Coextruded metallized film having metal deposited in one side and other side corona treated film for Sandwich lamination



The big salient feature of SGF BOPP N2-MD film



Excellent metal adhesion & treatment retention



Excellent metal adhesion & treatment retention



Good barrier properties for moisture & oxygen



Very good metal appearance



Good stiffness mechanical properties

KEY FEATURES:

- * Good stiffness & mechanical Properties
- * Good treatment retention
- * Very good metal appearance

APPLICATIONS:

- * Conversion application.
- * Cold seal application.
- * Sandwich lamination

PROPERTIES	TEST METHOD (ASTM)	UNIT	TECHNICAL DATA			
THICKNESS	Internal	Micron	15	18	20	25
		(Gauge)	60	72	80	100
FILM DENSITY	D-1505	gm/cc	0.91	0.91	0.91	0.91
GRAMMAGE	Internal	gm/m ²	13.7	16.4	18.2	22.8
YIELD	Internal	m ² /kg	73	61	55	44
TREATMENT LEVEL	D-2578	dy/cm	38			
OPTICAL DENSITY (BY TOBIAS)	Internal	-	1.9 - 2.1			
COEFF OF FRICTION	Dynamic	Internal	-	0.35 - 0.45		
TENSILE STRENGTH AT BREAK	MD*	D-882	kgf/cm ²	1250		
	TD*			2600		
ELONGATION AT BREAK	MD*	D-882	%	130 - 190		
	TD*			40 - 80		
LINEAR SHRINKAGE (at 120°C/5 mins)	MD*	D-1204	%	< 5.0		
	TD*			< 3.0		
WATER VAPOUR TRANSMISSION RATE (38° C & 90% RH)	F-1249	gm/m ² /day	0.35			
OXYGEN TRANSMISSION RATE (23° C & 0%RH)	D-3985	cc/m ² /day	70			

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 3 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 pradsh-203201,