

Product Description:

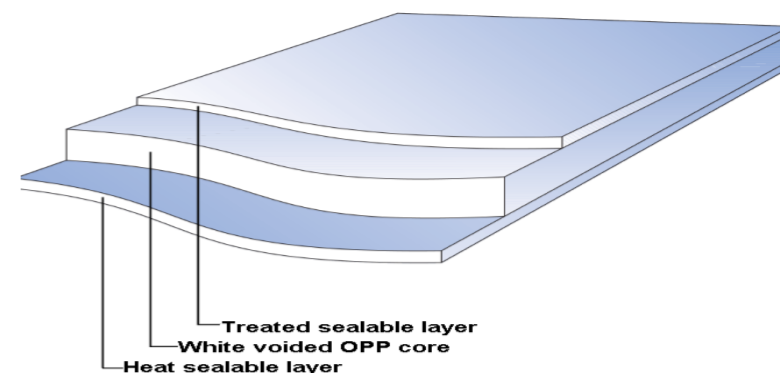
B-PHS is a pearlescent film
Both side sealable & one side treated

Application:

- Printing, lamination & pouching
- Confectionery packaging
- Over wrap & FFS machine

Key Features:

- Excellent opacity
- Good aesthetics
- Improved seal integrity
- Very high yield

Film Structure


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES					
			18	20	25	30	35	40
THICKNESS	Internal	Micron	18	20	25	30	35	40
		(Gauge)	72	80	100	120	140	160
FILM DENSITY	D-1505	gm/cc	0.65	0.65	0.65	0.65	0.65	0.65
GRAMMAGE	Internal	gm/m ²	11.7	13.0	16.25	19.50	22.75	26.0
YIELD	Internal	m ² /kg	85.47	76.92	61.54	51.28	43.96	38.46
		in ² /lb	60210	54193	43357	36129	30971	27097
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38	38	38	38
COEFF OF FRICTION	DYNAMIC D-1894	-	0.35	0.35	0.35	0.35	0.35	0.35
TRANSMITTANCE	D-1003	%	38	38	36	34	32	30
GLOSS	D-2457	Unit	50	50	50	50	50	50
TENSILE STRENGTH AT BREAK	D-882	MD*	700	700	700	700	700	700
		TD*	1300	1300	1300	1300	1300	1300
		MD*	99.5	99.5	99.5	99.5	99.5	99.5
		TD*	18.5	18.5	18.5	18.5	18.5	18.5
ELONGATION AT BREAK	D-882	MD	130	130	130	130	130	130
		TD	50	50	50	50	50	50
		MD	8000	8000	8000	8000	8000	8000
		TD	18000	18000	18000	18000	18000	18000
MODULUS OF ELASTICITY	D-882	MD	113.6	113.6	113.6	113.6	113.6	113.6
		TD	255.6	255.6	255.6	255.6	255.6	255.6
		MD	8000	8000	8000	8000	8000	8000
		TD	18000	18000	18000	18000	18000	18000
LINEAR SHRINKAGE (5 Minute at 130°C)	D-1204	MD	<5.0					
		TD	<3.0					
HEAT SEAL INITIATION TEMPERATURE	Internal	°C	115	115	115	115	115	115
HEAT SEAL STRENGTH (Min.)	Internal	gm/25mm	200	200	200	225	250	275
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	5.2	5.0	4.8	4.5	4.2	4.0
		(gm/100in ² /day)	0.34	0.32	0.31	0.29	0.27	0.26
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	2900	2800	2600	2400	2200	2000
		(cc/100in ² /day)	189	180	168	155	142	129

Ref no QAD UFLI S/14 - B35/2

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

STORAGE & HANDLING

FLEXOPP™ 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 operating environment for 24 hours before processing. FLEXOPP™ is best suitable for use up to 3 months from date of dispatch.

FOOD CONTACT

FLEXOPP™ complies with EC and FDA regulations. Specific document and MSDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. The Values given in the technical data sheet represent typical values based on the best of our knowledge as on date when the data was compiled. It 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. Flex Gives no warranty or accept liability for any loss and fitness of the product for any specific purpose. Flex reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information

****TDS issued on 11-02-2015.All previous version of this grade are invalid.**

Website: www.flexfilm.com