

**Product Description:**

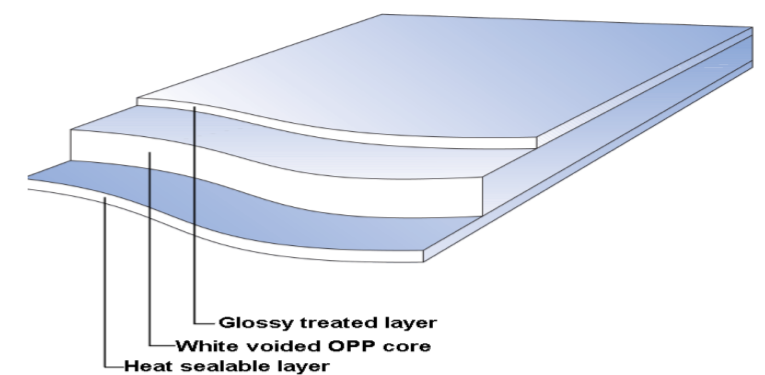
B-PGH is a pearlescent film  
One side sealable & other side treated

**Application:**

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

**Key Features:**

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

**Film Structure**


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES					
			25	30	35	40		
THICKNESS	Internal	Micron	25	30	35	40		
		(Gauge)	100	120	140	160		
FILM DENSITY	D-1505	gm/cc	0.65	0.65	0.65	0.65		
GRAMMAGE	Internal	gm/m <sup>2</sup>	16.25	19.50	22.75	26.0		
YIELD	Internal	m <sup>2</sup> /kg	61.54	51.28	43.96	38.46		
		in <sup>2</sup> /lb	43357	36129	30971	27097		
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38	38		
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.35	0.35	0.35		
TRANSMITTANCE	D-1003	%	36	34	32	30		
GLOSS	D-2457	Unit	90	90	90	90		
TENSILE STRENGTH AT BREAK	D-882	MD*	Kg/cm <sup>2</sup>	700	700	700	700	
		TD*		1300	1300	1300	1300	
		MD*		(KPsi)	9.95	9.95	9.95	9.95
		TD*			18.50	18.50	18.50	18.50
ELONGATION AT BREAK	D-882	MD	%	130	130	130	130	
		TD		50	50	50	50	
		MD		Kg/cm <sup>2</sup>	8000	8000	8000	8000
TD	18000	18000	18000		18000			
MODULUS OF ELASTICITY	D-882	MD	(KPsi)	113.6	113.6	113.6	113.6	
		TD		255.6	255.6	255.6	255.6	
		MD		%	<5.0	<5.0	<5.0	<5.0
TD	<3.0	<3.0	<3.0		<3.0			
HEAT SEAL INITIATION TEMPERATURE	Internal	°C	115	115	115	115		
HEAT SEAL STRENGTH (Min.)	Internal	gm/25mm	200	225	250	275		
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m <sup>2</sup> /day	5.0	4.5	4.2	4.0		
		(gm/100in <sup>2</sup> /day)	0.32	0.29	0.27	0.26		
O.T.R. (23°C & 0%RH)	D-3985	cc/m <sup>2</sup> /day	2200	2200	2200	2000		
		(cc/100in <sup>2</sup> /day)	142	142	142	129		

Ref no QAD UFLI S/14 - B36/2

\*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](http://www.flexfilm.com)