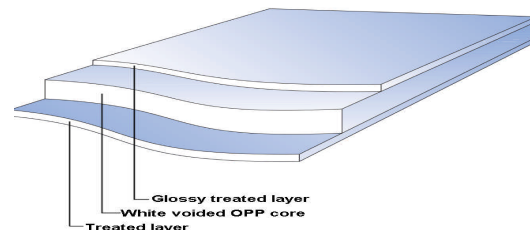


Product Description:

B-PNN is a pearlescent film
Both side treated non sealable film

Key Features:

- Excellent opacity & gloss
- Good aesthetics
- Very high yield

Film Structure

Application:

-Label application

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES				
			28	30	35	38	40
THICKNESS	Internal	Micron	28	30	35	38	40
		(Gauge)	112	120	140	152	160
FILM DENSITY	D-1505	gm/cc	0.65	0.65	0.65	0.65	0.65
GRAMMAGE	Internal	gm/m ²	18.2	19.50	22.75	24.7	26.0
YIELD	Internal	m ² /kg	54.94	51.28	43.96	40.48	38.46
		in ² /lb	38707	36129	30971	28500	27097
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38	38	38
TRANSMITTANCE	D-1003	%	32	32	28	27	26
GLOSS	D-2457	Unit	106	106	105	105	105
TENSILE STRENGTH AT BREAK	MD*	Kg/cm ²	700	700	700	700	700
	TD*		1300	1300	1300	1300	1300
	MD*	(KPsi)	9.95	9.95	9.95	9.95	9.95
	TD*		18.5	18.5	18.5	18.5	18.5
ELONGATION AT BREAK	MD	%	130	130	130	130	130
	TD		50	50	50	50	50
MODULUS OF ELASTICITY	MD	Kg/cm ²	8000	8000	8000	8000	8000
	TD		18000	18000	18000	18000	18000
	MD	(KPsi)	113.6	113.6	113.6	113.6	113.6
	TD		255.6	255.6	255.6	255.6	255.6
LINEAR SHRINKAGE (5 Minute at 130°C)	MD	%	<5.0				
	TD		<3.0				
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	4.8	4.5	4.2	4.1	4.0
		(gm/100in ² /day)	0.31	0.29	0.27	0.26	0.26
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	2600	2400	2200	2100	2000
		(cc/100in ² /day)	168	155	142	137	129

Ref no QAD UFLI S/14 - B37/2

*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 13-02-2016.All previous version of this grade are invalid.**

Website: www.flexfilm.com