

Technical Data Sheet
(CAST POLYPROPYLENE FILM)
Product Description:

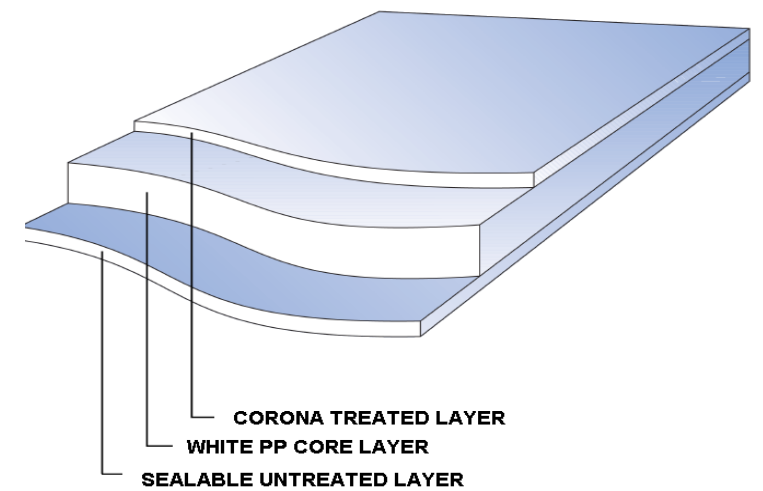
C-CWL is a Co-Extruded white opaque film with one side corona treated and other side sealable.

Application:

- Lamination & Conversion
- Confectionary Packaging
- Over wrap
- Surface Printing

Key Features:

- Excellent Gloss & Improved Opacity
- Consistent slip
- Good Machinability
- Excellent Sealing integrity
- Whiteness eliminates the need for white ink
- Excellent hot tack

Film Structure


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES							
			18	20	22	25	30	35	40	
THICKNESS	± 5 %	Internal	Micron	18	20	22	25	30	35	40
			(Gauge)	72	80	88	100	120	140	160
FILM DENSITY	D-1505	gm/cc	0.95	0.95	0.95	0.95	0.95	0.95	0.95	
GRAMMAGE	Internal	gm/m ²	17.1	19	20.9	23.75	28.5	33.25	38	
YIELD	Internal	m ² /kg	58.48	52.63	47.85	42.1	35.08	30.07	26.31	
		in ² /lb	38383	37080	33712	29661	24715	21185	18536	
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38	38	38	38	38	
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.30	0.30	0.30	0.30	0.30	0.30	
TRANSMITTANCE	D-1003	%	45	42	42	40	38	38	35	
GLOSS	D-2457	Unit	50	50	50	50	50	50	50	
TENSILE STRENGTH AT BREAK	D-882	Kg/cm ²	MD*	460	460	460	460	460	460	460
			TD*	200	200	200	200	200	200	200
		(Psi)	MD*	6500	6500	6500	6500	6500	6500	6500
			TD*	2850	2850	2850	2850	2850	2850	2850
ELONGATION AT BREAK	D-882	%	MD	400	400	400	400	400	400	400
		TD	600	600	600	600	600	600	600	
HEAT SEAL INITIATION TEMPERATURE	INTERNAL	°C	115	115	115	115	115	115	115	
HEAT SEAL STRENGTH (AT 130°C)		gm/25mm	1500	1500	1800	1800	2000	2000	2000	
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m ² /day	13	13	12	12	10	10	9	
		(gm/100in ² /day)	0.8	0.8	0.7	0.7	0.6	0.6	0.6	
O.T.R. (23°C & 0%RH)	D-3985	cc/m ² /day	3750	3700	3650	3650	3600	3600	3550	
		(cc/100in ² /day)	242	239	235	235	232	232	229	

Ref no QAD UFLI S/14 - C2/1

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

STORAGE & HANDLING

FLEXCPP™ 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. FLEXCPP™ is best suitable for use up to 3 months from date of dispatch.

FOOD CONTACT

FLEXCPP™ 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