

**Technical Data Sheet**
**(CAST POLYPROPYLENE FILM)**
**Product Description:**

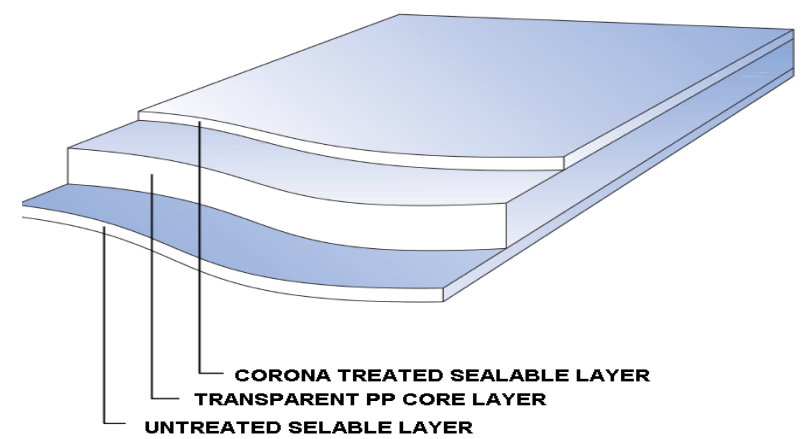
C-CBP is a Co-Extruded CPP Film which is one side Corona treated and both side heat sealable

**Application:**

- Lamination & single ply application
- Printing (Flexo, Rotogravure)
- Direct food packaging (Pasta, Bakery, Dried beans etc.)
- Jumbo packs (Snack food, Diapers)

**Key Features:**

- Good Optical properties
- Low slip for high speed packaging
- Excellent machinability
- Excellent Hot tack

**Film Structure**


Note :- It is recommended to use CDF grade for the application where cold & tear resistance is required.

PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE					
			25	28	30	35		
THICKNESS ± 5 %	Internal	Micron	25	28	30	35		
		(Gauge)	100	112	120	140		
FILM DENSITY	D-1505	gm/cc	0.91	0.91	0.91	0.91		
GRAMMAGE	Internal	gm/m <sup>2</sup>	22.75	25.48	27.3	31.85		
YIELD	Internal	m <sup>2</sup> /kg	43.96	39.24	36.63	31.39		
		in <sup>2</sup> /lb	30971	27646	25807	22122		
TREATMENT LEVEL	D-2578	dyne/cm	38	38	38	38		
COEFF OF FRICTION DYNAMIC	D-1894	-	0.25	0.25	0.25	0.25		
HAZE	D-1003	%	3.5	4.0	4.5	4.5		
GLOSS	D-2457	Unit	80	75	75	70		
TENSILE STRENGTH AT BREAK	D-882	MD*	Kg/cm <sup>2</sup>	500	550	500	500	
		TD*		240	240	240	240	
		MD*		(Psi)	7100	7100	7100	7100
		TD*			3400	3400	3400	3400
ELONGATION AT BREAK	D-882	MD	%	450	450	450	450	
		TD		600	600	600	600	
HEAT SEAL INITIATION TEMPERATURE	INTERNAL	°C	115	115	115	115		
HEAT SEAL STRENGTH		gm/25mm	1500	1500	1500	1500		
W.V.T.R.(38°C & 90%RH)	F-1249	gm/m <sup>2</sup> /day	12	11	10	9		
		(gm/100in <sup>2</sup> /day)	0.7	0.7	0.6	0.6		
O.T.R. (23°C & 0%RH)	D-3985	cc/m <sup>2</sup> /day	3650	3675	3600	3550		
		(cc/100in <sup>2</sup> /day)	235	234	232	229		

Ref no QAD UFLI S/14 - C8/1

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