

Technical Data Sheet
(CAST POLYPROPYLENE FILM)
Product Description:

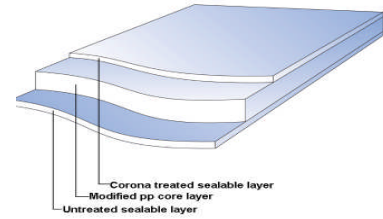
C-CPR is a Co-Extruded transparent CPP Film
one side treated for aseptic/retort packaging

Application:

- Sterilization & Pasteurization
- Hot filling
- Ready to eat food

Key Features:

- Excellent sterilization performance
- Excellent lamination adhesive anchorage
- High Seal strength

Film Structure


PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUE			
				50	60	70	75
THICKNESS	± 5 %	Internal	Micron	50	60	70	75
			(Gauge)	200	240	280	300
FILM DENSITY		D-1505	gm/cc	0.90	0.90	0.90	0.90
GRAMMAGE		Internal	gm/m ²	45.0	54.0	63.0	67.5
YIELD		Internal	m ² /kg	22.22	18.52	15.87	14.81
			in ² /lb	15656	13047	11183	10438
TREATMENT LEVEL		D-2578	dyne/cm	38	38	38	38
COEFF OF FRICTION	DYNAMIC	D-1894	-	0.50	0.50	0.50	0.50
HAZE		D-1003	%	40	45	50	55
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	500	500	500	500
	TD*			300	300	300	300
	MD*		(Psi)	7100	7100	7100	7100
	TD*			4260	4260	4260	4260
ELONGATION AT BREAK	MD	D-882	%	900	900	900	900
	TD		1000	1000	1000	1000	
HEAT SEAL INITIATION TEMPERATURE		Internal	° C	150	150	150	150
HEAT SEAL STRENGTH			gm/25mm	3500	3700	4000	4000

Ref no QAD UFLI S/17 - C6/2

*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 16-02-2017. All previous version of this grade are invalid.**

Website: www.flexfilm.com