

# F-WCH

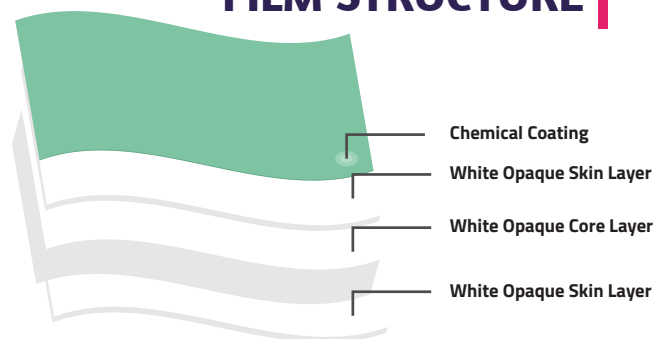
## CHEMICAL COATED WHITE OPAQUE BOPET FILM

F-WCH is a white opaque polyester film the film is one side chemical coated and other side untreated.

### KEY FEATURES:

- Excellent opacity & high brightness
- Excellent machinability & handling properties
- Good mechanical & thermal properties
- Chemical coated side provide excellent bonding with various inks & adhesives

## FILM STRUCTURE



### APPLICATION:

- Surface Printing jobs & Metallization
- Label application & Blister Packaging
- Other conversion where white backing required like lids

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	23	36	50
			(Gauge)	92	144	200
YIELD		Internal	m <sup>2</sup> / kg	30.40	19.42	13.98
			in <sup>2</sup> /lb	21401	13671	9841
SURFACE TENSION (min) # (Chemical coated side)		ASTM D-2578	dyne/cm	60		
COF (max) (One side to the other side)		ASTM D-1894	-	0.45	0.45	0.45
OPACITY (min)		Hunter Lab	%	75	82	85
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	1600	1500	1500
	TD			2000	2000	2000
	MD		(Psi)	22700	21300	21300
	TD			28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	115	120	125
	TD			80	85	85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	2.5		
	TD			0.8		
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m <sup>2</sup> /day	25	15	12
			(gm/100 in <sup>2</sup> /day)	1.6	1.0	0.8
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	75	45	35
			(cc/100 in <sup>2</sup> /day)	4.8	2.9	2.2

# The inherent surface tension of the untreated side of any Pet film is minimum 42 dyne/cm

### STORAGE & HANDLING

SELEXIBLE need to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from date of shipment.

### FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade application. Specific document and SDS are available on request.

### DISCLAIMER

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## Selexible

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