

# F-MCH

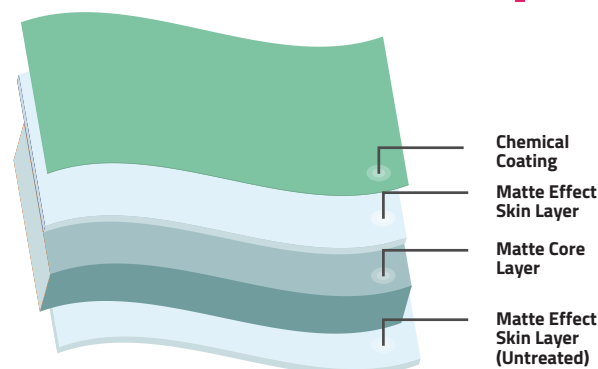
## CHEMICAL COATED MATTE FILM

F-MCH is a matte effect BOPET film. The film is Chemical Coated on one side and Untreated on the other side.

### KEY FEATURES:

- Excellent matte effect
- Chemical Coating provides excellent adhesion with various inks and adhesives
- Excellent machinability & handling properties
- Good stiffness

## FILM STRUCTURE



### APPLICATION:

- Board Lamination
- Label Application
- Conversion Application
- Thermal Application

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	19	23
			(Gauge)	48	76	92
YIELD		Internal	m <sup>2</sup> / kg	59.52	37.59	31.05
			in <sup>2</sup> /lb	41934	26483	21876
SURFACE TENSION (min) # (Chemical Coated Surface)		ASTM D-2578	dyne/cm	60		
COF (max) (Untreated to Chemical Coated)		ASTM D-1894	-	0.45	0.45	0.45
HAZE (min)		ASTM D-1003	%	40	45	45
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	1700	1700	1600
	TD			2000	2000	2000
	MD		(Psi)	24200	24200	22700
	TD			28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	110	120	130
	TD			75	80	85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0		
	TD			1.0		
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m <sup>2</sup> /day	45	35	30
			(gm/100 in <sup>2</sup> /day)	2.9	2.3	2.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	130	90	80
			(cc/100 in <sup>2</sup> /day)	8.5	5.8	5.2

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

### STORAGE & HANDLING

SELEXIBLE needs 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 the date of shipment.

### FOOD CONTACT

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

### DISCLAIMER

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## Selexible

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