

# F-CHY

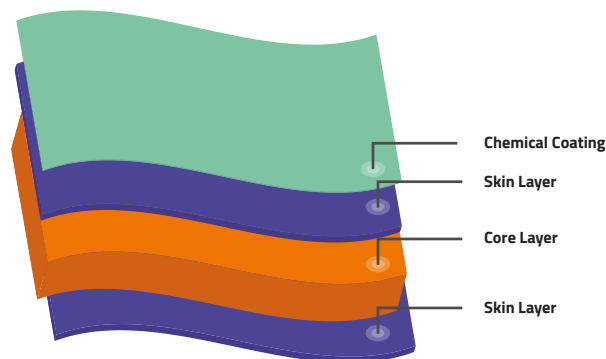
## CHEMICAL COATED YARN GRADE FILM

F-CHY is a transparent BOPET film. The Film is one side chemical coated other side untreated.

### KEY FEATURES:

- Excellent clarity & transparency
- Very High thermal stability
- Excellent machinability & handling properties
- High mechanical properties
- Improved metal & various type Ink adhesion on chemical coated side

## FILM STRUCTURE



### APPLICATION:

- Metallie yarn
- Synthetic Jari (yarn)
- Metallization Lacquering
- Printing & Lamination

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES	
THICKNESS		Internal	Micron	12	23
			(Gauge)	48	92
YIELD		Internal	m <sup>2</sup> / kg	59.52	31.05
			in <sup>2</sup> /lb	41934	21876
SURFACE TENSION # (Chemical Coated Side)		ASTM D-2578	-	60	
COF (max) (One side to the other side)		ASTM D-1894	-	0.5	0.5
HAZE (max)		ASTM D-1003	%	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	2000	2000
	TD			2100	2100
	MD		(Psi)	28500	28500
	TD			30000	30000
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	105	120
	TD			80	90
LINEAR SHRINKAGE (max) (5 Minute at 190°C)	MD	ASTM D-1204	%	4.0	
	TD			0.5	
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m <sup>2</sup> /day	45	30
			(gm/100 in <sup>2</sup> /day)	2.9	2.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	130	80
			(cc/100 in <sup>2</sup> /day)	8.5	5.2

# 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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