

# F-DSC-CP

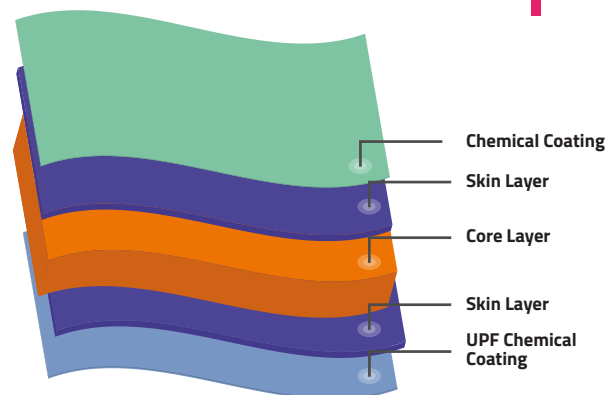
## BOTH SIDES COATED-CHEMICAL & UPF CHEMICAL

F-DSC-CP is a transparent BOPET film. The film is one side UPF Chemical Coated to provide a modified functional surface with the other side being Chemical Coated.

### KEY FEATURES:

- High clarity
- Both surfaces provide excellent adhesion with various inks & adhesives
- Excellent machinability & handling properties
- Not suitable for hot Fill, Sterilization, or Pasteurization

## FILM STRUCTURE



### APPLICATION:

- Converting & Metallization
- Printing & Lamination
- Form, Fill & Seal Structures

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES				
THICKNESS		Internal	Micron	10	12	23	36	50
			(Gauge)	40	48	92	144	200
YIELD		Internal	m <sup>2</sup> / kg	71.42	59.52	31.05	19.84	14.28
			in <sup>2</sup> /lb	50318	41934	21876	13978	10060
SURFACE TENSION (min) (Chemical Coated Surface (UPF Chemical Coated Surface))		ASTM D-2578	dyne/cm	60				
				48				
COF (max) (One side to the other)		ASTM D-1894	-	0.50	0.50	0.50	0.45	0.45
HAZE (max)		ASTM D-1003	%	4.0	4.0	5.0	5.5	6.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	105	115	120	125
	TD			80	85	90	90	95
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	50	45	30	20	16
			(gm/100 in <sup>2</sup> /day)	3.2	2.9	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	155	130	80	70	45
			(cc/100 in <sup>2</sup> /day)	10.1	8.5	5.2	4.5	2.9

### STORAGE & HANDLING

FLEXPET™ 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, FLEXPET™ is suitable for use within 270 days from the date of shipment.

### FOOD CONTACT

FLEXPET™ 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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