

# F-XLR-T1-T2

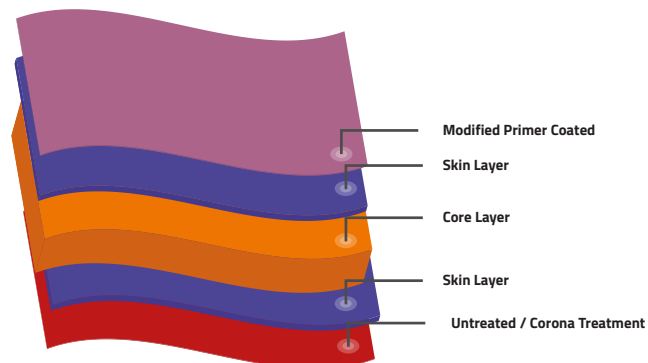
## OPETICALLY EXTRA CLEAR MODIFIED PRIMER COATED BOPET FILM

F-XLR-T1-T2 is a Ultra clear BOPET film. The film is one side Modified Primer Coated and other side Corona Treated or Untreated.

### KEY FEATURES:

- Very High transparency & clarity
- One side chemical coating provide excellent adhesion with various inks & adhesives
- Out side corona treated for improved bond with outer substrate
- Excellent machinability & handling properties
- Improved metal adhesion

## FILM STRUCTURE



### APPLICATION:

- Conversion, Metallization
- Printing & lamination
- FFS machine

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	23	36
			(Gauge)	48	92	144
YIELD		Internal	m <sup>2</sup> / kg	59.52	31.05	19.84
			in <sup>2</sup> / lb	41934	21876	13978
SURFACE TENSION # (Modified Primer Coated Side) (Corona Treated Side)		ASTM D-2578	-	52		
				52		
COF (max) (Coated to Untreated) (Coated to Corona Treated Side)		ASTM D-1894	-	0.50	0.50	0.50
				0.45	0.45	0.45
HAZE (max)		ASTM D-1003	%	1.0	1.2	1.3
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	1900	1900	1750
	TD			2000	2000	2000
	MD		(Psi)	27000	27000	25000
	TD			28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100	120	130
	TD		85	90	90	
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0		
	TD		1.0			
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m <sup>2</sup> /day	45	30	20
			(gm/100 in <sup>2</sup> /day)	2.9	2.0	1.3
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	130	80	70
			(cc/100 in <sup>2</sup> /day)	8.5	5.2	4.5

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

### STORAGE & HANDLING

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

### FOOD CONTACT

FLEXPET™ 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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