

# F-ULP

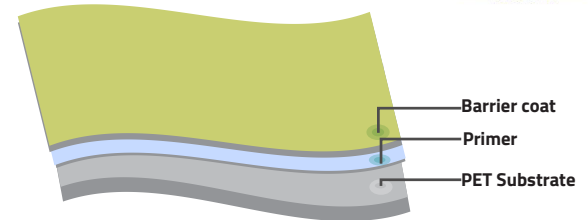
## TRANSPARENT HIGH BARRIER BOPET FILM

The film provides excellent oxygen barrier with good water resistance and excellent lamination bond.

### KEY FEATURES:

- Excellent OTR and Good WVTR
- High Transparency.
- Good laminate bond.
- Good flex crack resistance.
- Excellent water resistance

## FILM STRUCTURE



### APPLICATIONS:

- Food & Confectionary packaging .
- PET food packaging, Dairy Products.
- Vaccum packaging.
- Meat & Sea Foods packaging.
- Fruits & Vegetables Packaging.

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES
THICKNESS		Internal	Micron	12.5
FILM DENSITY		ASTM D-1505	g/cc	1.4
YIELD		Internal	m <sup>2</sup> / kg	57
SURFACE ENERGY	Coated side	ASTM D-882	dyne/cm	>56
	Other side			46
COF (max) (Coated side Non Coated side)		ASTM D-1874	-	0.50
HAZE (max)		ASTM D-1003	%	5.0
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	1900
	TD			2000
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	100
	TD			85
THERMAL SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0
	TD			1.0
OTR (23°C & 0% RH) (Avg)		ASTM D-3985 (Mocon)	cc/m <sup>2</sup> /day	0.2
MVTR (38°C & 90% RH) (Avg)		ASTM D-3985 (Mocon)	g /m <sup>2</sup> / day	25

### 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

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Flex provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Flex reserves the right to change the technical data sheet at any time without prior notice.

**FlexFilms**

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