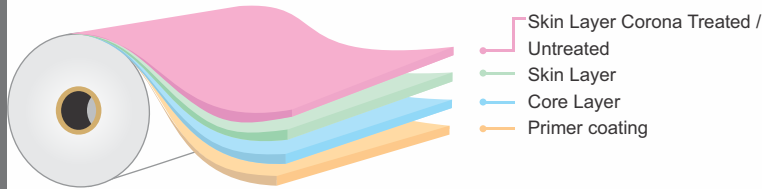


# BOPET Packaging Transparent Film

## CF-MAF

## Typical Values

### Structure



### Description

It is a co-extruded, transparent BOPET film. The film is one side special primer coated & the other side Untreated /corona treated.

### Features

- High clarity
- Primer coating provides excellent adhesion with various types of Inks & adhesives
- Excellent metal bond strength
- Excellent dimensional stability, machinability & handling

### Applications

- Printing, lamination & metallization
- Hot fill, pasteurization, sterilization & Retort application

Properties	Ref.	Units	ASTM#/Test Method	CF-MAF							
<b>Physical Data</b>											
Average Thickness		micron	D-374-C	8	10	12	15	19	23	36	50
		gauge		32	40	48	60	76	92	144	200
		mils		0.3	0.4	0.5	0.6	0.7	0.9	1.4	2.0
Density		g/cc		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Average Substance		g/m <sup>2</sup>		11.2	14.0	16.80	21.0	26.6	32.20	50.40	70.0
Surface tension (min.)	CS/CT	dynes/cm	D-2578	48 / 52							
Kinetic COF (Max.)	CS/CT		D-1894	0.50	0.50	0.45	0.45	0.45	0.45	0.40	0.40
	CS/UT			0.50	0.50	0.45	0.45	0.45	0.45	0.40	0.40
Yield		m <sup>2</sup> /Kg	D-4321	89.28	71.42	59.52	47.62	37.59	31.06	19.84	14.29
		in <sup>2</sup> /lb		62770	50213	41846	33480	26428	21837	13948	10046
<b>Optical Data</b>											
Haze (Max.)		%	D-1003	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
<b>Mechanical Data</b>											
Tensile Strength (min.)	MD	kg/ cm <sup>2</sup>	D-882	2100	2100	2100	2100	2100	2100	2000	2000
	TD			2200	2200	2200	2200	2200	2200	2100	2100
Elongation (min.)	MD	%	D-882	90	90	110	110	110	115	120	120
	TD			85	85	90	90	95	95	95	95
<b>Thermal Data</b>											
Linear Shrinkage (Max.) (150°C/302°F, 30 min.)	MD	%	D-1204	3.0							
	TD			0.80							
<b>Barrier Data</b>											
MVTR (38 °C, 90%RH)		g/m <sup>2</sup> /day	F-1249	50	50	45	40	35	30	20	16
MVTR (100 °F, 90%RH)		g/100in <sup>2</sup> /day		3.2	3.2	2.9	2.6	2.3	2.0	1.3	1.0
OTR (23 °C, 0%RH)		cc/m <sup>2</sup> /day	D-3985	155	155	130	110	90	80	70	45
OTR (73 °F, 0%RH)		cc/100in <sup>2</sup> /day		10.1	10.1	8.5	7.1	5.8	5.2	4.5	2.9

CTM : Cosmo Test Method MD : Machine Direction TD : Transverse Direction CT : Corona Treated CS : Coated Side UT : Untreated

**Storage & Handling :** PET film needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, sources or high humidity. If the material is stored in the recommended conditions PET is suitable for use within 9 months from the date of dispatch

**Disclaimer :** The information provided above is based on COSMO FILMS conclusive tests, which are indicative only and provided as guidelines. They do not constitute a guarantee of any specific product attributes or the suitability of products for specific applications.

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