



Product Code: **AP-PMZ-12**

Product Description:

- BoPET Metalized is Co-Extruded Film
- **One side Corona treated, other side untreated**

Application:

- Printing and Lamination
- Packaging

Key Features:

- Excellent Metal Adhesion and Luster
- Excellent Dimensional Stability
- Excellent Gloss
- Good Light Barrier

PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUE			
THICKNESS		Internal	Micron	12 ± 2.5%	23 ± 2.5%	36 ± 2.5%	50 ± 2.5%
DEVIATION OF AVG. FILM THICKNESS			Online Gauge				
FILM DENSITY		D-1505	%	±1.5	±1.5	±1.5	±1.5
GRAMMAGE		Internal	gm/cc	1.4	1.4	1.4	1.4
YIELD		Internal	gm/m ²	16.8	32.2	50.4	70
TREATMENT LEVEL*		D-2578	m ² /kg	59.52	31	19.8	14.2
COEFF OF FRICTION	DYNAMIC	D-1894	dyne/cm	52	52	52	52
HAZE		D-1003	-	0.45±0.02	0.45±0.02	0.45±0.02	0.45±0.02
GLOSS (NOVO GLOSS @ 60°)		D-2457	%	2.0	2.0	2.0	2.5
			Unit	110	110	110	110
TENSILE STRENGTH AT BREAK	MD	D-882	Kg/cm ²	2200	2200	1750	1750
	TD			2400	2400	2400	2400
	MD		(Psi)	31200	31200	24900	24900
	TD			34100	34100	34100	34100
ELONGATION AT BREAK	MD	D-882	%	150	155	160	165
	TD			120	125	125	125
HEAT SHRINKAGE (AT 130°C AND 5 MIN)	MD	D-1204	%	1.0	1.0	1.0	1.0
	TD		%	0.0	0.0	0.0	0.0
W. V.T.R (38°C & 90% RH)		F-1249	gm/m ² /day	1.2	1.0	1.0	0.8
			(gm/100in ² /day)	0.08	0.06	0.06	0.05
O.TR (23°C & 0% RH)		D-3985	cc/m ² /day	1.3	1.1	1.0	0.8
			(cc/100in ² /day)	0.08	0.07	0.06	0.05

Storage:- It is recommended to store below 30°C in order to avoid deterioration of film properties.

* Treatment value of film tends to decay over a period of time. Therefore it is recommended that treatment levels should be checked prior to processing.