

DESCRIPTION: Metallization on Corona side and other side plain MET-BOPET film.

APPLICATIONS: Suitable for flexible packaging application, especially for barrier properties.

SALIENT FEATURES:

- Uniform optical density
- Uniform thickness across the width
- Good Water Vapour and Gas Barrier properties.
- Excellent machinability
- Good Lamination bond strength.

Properties		Test Method	Unit	PMD		
<i>Dimensional</i>						
Thickness		ASTM-D374	μ	08μ	10μ	12μ
Gauge Variation			μ	± 5.0 %	± 5.0 %	± 5.0 %
<i>Mechanical</i>						
Tensile Strength	MD	ASTM-D882	Kg/ cm ²	1900-2200	1900-2200	1900-2200
	TD			1900-2200	1900-2200	1900-2200
Elongation	MD	ASTM-D882	%	90-110	90-110	90-110
	TD			80-100	80-100	80-100
Coefficient of Friction		ASTM-D1894	-	0.50-0.70	0.5-0.70	0.5-0.70
Metal Bond Strength		INTERNAL	gm/25 mm	150	150	150
<i>Surface</i>						
Treatment (Min.)	Metal Side	ASTM-D2578	Dyne/Cm	54	54	54
<i>Optical</i>						
Optical Density		INTERNAL	-	2.0	2.2	2.2
<i>Thermal</i>						
Shrinkage (Max)	MD	ASTM-D1204	%	2.6	2.4	2.4
	TD			0.4	0.4	0.4
<i>Barrier</i>						
Water Vapour Transmission Rate (38°C & 90% RH)		ASTM F-1249	g/m ² /day	1.5	1.2	1
Oxygen Gas Transmission Rate (23°C & 0% RH)		ASTM D-3985	cc /m ² /day	2.0	1.5	1.2

MD: Machine direction, TD: Transverse direction.

Note: Material available in 2.5/2.8 optical density and product also available with Alubond on customer demands.

Disclaimer: The values given above are indicative and customers are requested to confirm suitability of the film for their respective applications. KG Flexx Private Limited will not be responsible for any liability arising out of use of the product for applications.