

DESCRIPTION: Co-extruded, BOPP one side metalized other side low heat sealable film.

APPLICATIONS: As single web or a laminate for snack food packaging application.

SALIENT FEATURES:

- Uniform optical density
- Uniform thickness across the width
- Good barrier to moisture and gas
- Broad seal range & high seal strength
- Good metal adhesion to film

PROPERTIES		Test Method	Unit	MD1LS			
<i>Dimensional</i>							
Thickness		ASTM-D374	μ	15μ	18μ	20μ	25μ
Thickness Variation			μ	± 5.0 %	± 5.0 %	± 5.0 %	± 5.0 %
<i>Mechanical</i>							
Tensile Strength	MD	ASTM-D882	Kg/ cm ²	1200-1500			
Tensile Strength	TD			2700-3100			
Elongation	MD	ASTM-D882	%	160-210			
Elongation	TD			60-90			
Coefficient of Friction (Dy.)		ASTM-D1894	-	0.25-0.35			
<i>Optical</i>							
Optical Density		INTERNAL	-	2.2			
<i>Thermal</i>							
Shrinkage (Max)	MD	ASTM-D1204	%	<5			
Shrinkage (Max)	TD			<3			
Seal Initial Temperature		INTERNAL	°C	105			
Sealing Strength		INTERNAL	Gm/25 mm	380	400	425	450
<i>Barrier</i>							
Water Vapour Transmission Rate (38°C & 90% RH)		ASTM F-1249	g/m ² /day	<0.5	<0.5	<0.4	<0.4
Oxygen Gas Transmission Rate (23°C & 0% RH)		ASTM D-3985	cc/m ² /day	<90	<90	<80	<80

MD: Machine direction, TD: Transverse direction.

Note: Material available in 2.5/2.8 optical density 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.

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