



DESCRIPTION:
Metallized non heat sealable both side treated BOPP film with standard coefficient of friction for both side printing and lamination

Properties		Methods			Unit	PMP.M				
Thickness, ± 5%		BIAXPLEN			mkm	20	25	30	35	40
Density *					g/cm ³ 0,91					
Weight, ± 5%					g/m ² 18,2 22,8 27,3 31,9 36,4					
Yield, ± 5%					m ² /kg 54,9 44,0 36,6 31,4 27,5					
Tensile strength, not less	MD	GOST 14236	ISO 527	ASTM D882	N/mm ² , MPa	140				
	TD					250				
Elongation at break, not more	MD				200					
	TD				70					
Kinetic coefficient of friction	UT / UT	GOST 27492	ISO 8295	ASTM D 1894	---	0,3			- 0,1 + 0,1	
Heat sealing strength at 130°C, 1bar, 1 sec, not less	UT / UT	GOST 27319	ISO 527	ASTM D 882, ASTM F 88	N/15mm	Не термосвариваемая				
Thermal shrinkage at 120°C, 5 min, not more	MD	GOST 18616	ISO 11501	ASTM D1204	%	4				
	TD					2				
Treatment level, not less **	T	BIAXPLEN	ISO 8296	ASTM D 2578	Dyne/cm, mN/m	36				
Treatment level, not less ***	UT					38				
Optical density, not less		BIAXPLEN			---	2,2				
Heat sealing range at 1bar, 1sec.*	UT / UT	BIAXPLEN			°C	Не термосвариваемая				
Water vapour transmission rate at 38°C, 90% rel.humidity, 24h, not more		BIAXPLEN	---	ASTM F 1249	g/m ² /24h	1				
Oxygen transmission rate at 23°C, 24h, not more		BIAXPLEN	---	ASTM D 3985	cm ³ /m ² /24h	100				

MD - Machine, longitudinal direction;
TD - Transverse direction;

T - metallized side;
UT - non metallized film side;

* Typical value;
GOST - Russian Federation standards.

** Guaranteed shelf life of the activation of the metallized side is 15 days from the date of manufacture indicated on roll label
*** Activation shelf-life for UT activated side is at least for 6 months;

MAIN PROPERTIES:

- Both sides (T, UT) activated film;
- standard barrier properties of metallized films;
- standard coefficient of friction;
- mechanical properties and aluminum adhesion are good;
- contains no migratory antiblock and slip additives;
- intended for contact with food;
- without coating or primer.

APPLICATION:

- Rotogravure and flexographic solvent based one or both side printing;
- for both side lamination with solvent based or solventless polyurethane adhesives;
- lamination with films, paper and cardboard, as well as in the center of the triplex in flexible packaging;
- for the production of labels with both side printed design;

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