

Matt not treated side
Transparent oriented polypropylene core layer
Treated modified copolymer skin layer



DESCRIPTION:

One side matt BOPP film
for general purposes, for high quality rotogravure and
flexographic printing and lamination for flexible packaging and labels

Properties		Methods			Unit	MGS					
Thickness, ± 5%		BIAXPLEN			mkm	15	18	20	25	27	30
Density *					g/cm ³ 0,91						
Weight, ± 5%					g/m ² 13,65 16,38 18,20 22,75 24,57 27,30						
Yield, ± 5%					m ² /kg 73,26 61,05 54,95 43,96 40,70 36,63						
Tensile strength, not less	MD	GOST 14236	ISO 527	ASTM D882	N/mm ² , MPa	125					
	TD					240					
Elongation at break, not more	MD					220					
	TD					80					
Kinetic coefficient of friction	UT / UT	GOST 27492	ISO 8295	ASTM D 1894	- - -	0,25					
Thermal shrinkage at 120°C, 5 min, not more	MD	GOST 18616	ISO 11501	ASTM D1204	%	4					
	TD					2					
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	2,0	2,3				
Haze, not less		GOST 15875	ISO 14782	ASTM D 1003	%	70					
Gloss at 45°, not more	T	BIAXPLEN	ISO 2813	ASTM D 2457	%	12					
Heat sealing range at 1bar, 1sec.*	UT/UT	BIAXPLEN			°C	130 - 140					
Treatment level, not less	T	BIAXPLEN	ISO 8296	ASTM D 2578	Dyne/cm, mN/m	38					
Water vapour transmission rate at 38°C, 90% rel.humidity, 24h, ± 20% *		BIAXPLEN	- - -	ASTM F 1249	g/m ² /24h	8,5	7,1	6,4	5,2	4,3	4,8
Oxygen transmission rate at 23°C, 0% rel.humidity 24h, ± 20% *		BIAXPLEN	- - -	ASTM D 3985	cm ³ /m ² /24h	3500	2917	2625	2120	1760	1960

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

T - treated glossy side of the film;
UT - untreated matt side of the film;

* Typical value;
GOST - Russian Federation standards.

MAIN PROPERTIES:

- Matte appearance;
- contains slip-antistatic and anti-blocking additives;
- good ink adhesion;
- good mechanical properties;
- low coefficient of friction;
- intended for contact with food;
- without coatings and primers.

APPLICATION:

- High quality solvent based rotogravure and flexographic printing;
- solvent based and solvent free lamination with polyurethane adhesives;
- manufacture of flexible packaging for food products;
- for vertical VFFS and horizontal HFFS packaging machines;
- for production of decorative packaging for flowers, gift wrap and etc.;
- for production of fully wrapped labels for bottles;
- to make the flexible packaging or labels matte (paper like) appearance.

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