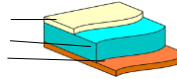


*Matt heat sealable, non treated skin layer with low seal intention temperature
Transparent oriented polypropylene core layer
Treated modified heat sealable copolymer skin layer*



DESCRIPTION:

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

Properties		Methods			Unit	MGPL					
Thickness, ± 5%		BIAXPLEN			mkm	15	18	20	30	35	
Density *					g/cm ³	0,91					
Weight, ± 5%					g/m ²	13,65	16,38	18,2		31,85	
Yield, ± 5%					m ² /kg	73,26	61,05	54,95		31,40	
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	---	0,35		+0,10 -0,15			
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	2,5			
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	105 - 140				
Treatment level, not less		T	BIAXPLEN	ISO 8296	ASTM D 2578	Dyne/cm, mN/m	38				

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 antiblocking additives;*
- *wide heat sealing range;*
- *good ink adhesion;*
- *good mechanical properties;*
- *standard 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 vertical packaging machine with tamping of the film;*
- *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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