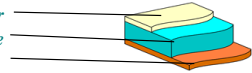


Treated side of modified copolymer skin layer  
Transparent biaxially oriented polypropylene  
Glossy, none treated, none heat sealable polypropylene skin layer with standard coefficient of friction



**DESCRIPTION:**

Transparent BOPP film for labels and for general applications for bonding by cold and hot melt adhesives when labelling with improved ink adhesion for printing.

Properties		Methods			Unit	LGBA				
Thickness, ± 5%		BIAXPLEN			mkm	30	35	40	48	
Density *					g/cm <sup>3</sup> 0,91					
Weight, ± 5%					g/m <sup>2</sup> 27,30 31,85 36,40 43,68					
Yield, ± 5%					m <sup>2</sup> /kg 36,63 31,40 27,47 22,89					
Tensile strength, not less	MD	GOST 14236	ISO 527	ASTM D882	N/mm <sup>2</sup> , MPa	140				
	TD					280				
Elongation at break, not more	MD	GOST 14236	ISO 527	ASTM D882	%	200				
	TD					70				
Kinetic coefficient of friction	UT / UT	GOST 27492	ISO 8295	ASTM D 1894	---	0,3			+ 0,1 - 0,1	
Thermal shrinkage at 120°C, 5 min, not more	MD	GOST 18616	ISO 11501	ASTM D1204	%	4				
	TD					2				
Haze, not more		GOST 15875	ISO 14782	ASTM D 1003	%	2				
Gloss at 45°, not less		UT	BIAXPLEN	ISO 2813	ASTM D 2457	%	90			
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 side of the film;  
UT - untreated side of the film;

\* Typical value  
GOST - Russian Federation standards.

**MAIN PROPERTIES:**

- Improved ink adhesion;
- Contains antistatic and slip-antiblocking agents;
- excellent optical properties: transparency and gloss;
- good mechanical properties;
- permanent coefficient of friction;
- without coating or primer.

**APPLICATION:**

- High quality solvent based rotogravure and flexographic printing;
- for production of fully wrapped labels for bottles;
- for labeling with cold and hot melt glue;
- solvent based and solvent free lamination with polyurethane adhesives (if necessary).

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