



DESCRIPTION:

Transparent release BOPP film with improved release properties
for high quality rotogravure and flexographic printing and lamination;
for the production of flexible packaging with frame cold seal glue.

Properties		Methods			Unit	PGI				
Thickness, ± 5%		BIAXPLEN			mkm	15	20	25	30	35
Density *					g/cm ³	0,91				
Weight, ± 5%					g/m ²	13,65	18,20	22,75	27,30	31,85
Yield, ± 5%					m ² /kg	73,26	54,95	43,96	36,63	31,40
Tensile strength, not less	MD	GOST 14236	ISO 527	ASTM D882	N/mm ² , MPa	150			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	- - -	0,25		+ 0,1 -0,1	
Thermal shrinkage at 120°C, 5 min, not more	MD	GOST 18616	ISO 11501	ASTM D1204	%	5		4		
	TD					2		2		
Haze, not more			GOST 15875	ISO 14782	ASTM D 1003	%	2			
Gloss at 45°, not less		UT	- - -	ISO 2813	ASTM D 2457	%	85			
Treatment level, not less		T	- - -	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:

- *UT side has a release properties to the latex cold seal glue;*
- *excellent release properties;*
- *high optical: transparency and gloss and high physical and mechanical properties;*
- *low coefficient of friction, including hot surfaces, specially for HFFS machines;*
- *contains antistatic, slip-antiblocking and release additives;*
- *intended for contact with food;*
- *chemically resistant to oils, fats and chemicals.*

APPLICATION:

- *High quality rotogravure and flexographic solvent printing;*
- *solvent or solventless polyurethane laminating adhesives;*
- *for the production of flexible packaging (typically duplex) with frame cold seal glue.*

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