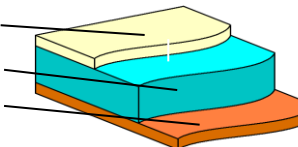


Glossy, flame treated, none heat sealable polypropylene skin layer
Transparent biaxially oriented polypropylene
Glossy, none treated, none heat sealable polypropylene skin layer



DESCRIPTION :

Transparent non heat sealable BOPP film
for printing and lamination

Properties		Methods			Unit	PGP									
Thickness, ± 5%		BIAXPLEN			mkm	20	25	30	35	40	48				
Density *							g/cm ³	0,91							
Weight, ± 5%							g/m ²	18,2	22,75	27,30	31,85	36,40	43,68		
Yield, ± 5%							m ² /kg	54,95	43,96	36,63	31,40	27,47	22,89		
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				
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	Non heat sealable									
Haze, not more		GOST 15875	ISO 14782	ASTM D 1003	%	2									
Gloss at 45°, not less	T	BIAXPLEN	ISO 2813	ASTM D 2457	%	90									
Heat sealing range at 1bar, 1sec.*	UT / UT	BIAXPLEN			°C	Non heat sealable									
Treatment level, not less	T	BIAXPLEN	ISO 8296	ASTM D 2578	Dyne/cm, mN/m	44									

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:

- Film with high transparency and gloss;
- high and long time surface tension;
- high adhesion of printing and lamination;
- good sliding UT side for all known surfaces;
- good physical and mechanical properties;
- contains slip-antistatic and antiblocking additives;
- intended for contact with food;
- without coatings and primers.

APPLICATION:

- As front film of the film in the production of flexible packaging with outstanding brilliance;
- the production of packaging for horizontal HFFS and VFFS vertical packaging machines;
- high quality solvent based rotogravure and flexographic printing;
- solvent based and solvent free lamination with polyurethane adhesives;
- in cases in which the exception of heat sealability is required for front side of flexible packaging;
- the production of packaging for hand or machine wrap boxes and gifts;
- not for use in original form (without lamination) in the production of packets of any kind.

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