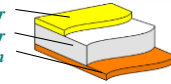


Treated, heatsealable copolymer skin layer
White opaque oriented polypropylene core layer
Heat sealable, treated skin layer with low seal intention temperature and standard coefficient of friction



DESCRIPTION :

White heat sealable, both side treated, BOPP film with low seal intention temperature and standard coefficient of friction for packaging machines.
For high quality rotogravure and flexographic printing and lamination

Properties		Methods			Unit	HWH				
Thickness, ± 5%		BIAXPLEN			mkm	15	20	25	30	35
Density *					g/cm ³ 0,96					
Weight, ± 5%					g/m ² 14,40 19,20 24,00 28,80 33,60					
Yield, ± 5%					m ² /kg 69,44 52,08 41,67 34,72 29,76					
Tensile strength, not less	MD	GOST 14236	ISO 527	ASTM D882	N/mm ² , MPa	110			120	
	TD					210	220	230		
Elongation at break, not more	MD	GOST 14236	ISO 527	ASTM D882	%	200				
	TD					70				
Coefficient of friction, kinetic	UT/UT	GOST 27492	ISO 8295	ASTM D 1894	---	0,35			+ 0,10 - 0,10	
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, 1sec	UT / UT	GOST 27319	ISO 527	ASTM F 88; ASTM D882	N/15mm	2,5				
Light transmission, not more		GOST 15875	ISO 14782	ASTM D 1003	%	60	50	45	40	35
Gloss at 45°, not less	T	BIAXPLEN	ISO 2813	ASTM D 2457	%	45				
Heat sealing range at 1bar, 1sec *	UT / UT	BIAXPLEN			°C	115 - 140				
Treatment level low seal side, not less	UT	BIAXPLEN	ISO 8296	ASTM D 2578	Dyne/cm, mN/m	36				
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	6,4	5,1	4,3	3,6
Oxygen transmission rate at 23°C, 0% rel.humidity 24h, ± 20% *		BIAXPLEN	---	ASTM D 3985	cm ³ /m ² /24h	3500	2625	2100	1750	1500

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

T - treated side of the film with higher treatment level, typically winded OUT
UT - treated side of the film with lower treatment level, typically winded IN
GOST - Russian Federation standards.

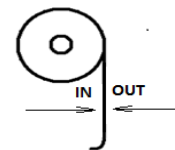
* Typical value;

MAIN PROPERTIES:

- A wide range of heat sealing;
- completely white appearance, high opacity;
- very high protection from UV light;
- white appearance allows to exclude white paint using from printing process;
- contains slip-antistatic, antiblocking and mineral filler as titanium dioxide;
- stable standard coefficient of friction;
- good physical and mechanical properties;
- 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;
- production of flexible packaging with frame cold seal adhesives;
- for cold seal glue frame coating onto UT film side (if necessary).
- packaging of ice cream, chocolate bars, candy, etc. which requires protection from UV light;
- for production of fully wrapped labels for bottles in the original form of the film or in laminate;



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