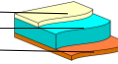


Treated modified heat sealable copolymer skin layer
Transparent oriented polypropylene core layer
Heat sealable, non treated skin layer with low seal intention temperature and low coefficient of friction



DESCRIPTION:

Heat sealable transparent BOPP film with low coefficient of friction and low heat sealing threshold for high-speed packaging machines. For high quality rotogravure and flexographic printing and lamination

Properties		Methods			Unit	HGHL											
Thickness, ± 5%		BIAXPLEN			mkm	15	18	20	25	30	35	40	48				
Density *							g/cm ³	0,91									
Weight, ± 5%							g/m ²	13,65	16,38	18,20	22,75	27,30	31,85	36,40	43,68		
Yield, ± 5%							m ² /kg	73,26	61,05	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	130					140						
	TD					230					250						
Elongation at break, not more	MD				220					200							
	TD				80					70							
Kinetic coefficient of friction	UT / UT	GOST 27492	ISO 8295	ASTM D 1894	---	0,2										+0,05	
	T / T															-0,1	
Thermal shrinkage at 120°C, 5 min, not more	MD	GOST 18616	ISO 11501	ASTM D1204	%	5	4										
	TD					3	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	2,2	2,3	2,5	2,8							
Haze, not more		GOST 15875	ISO 14782	ASTM D 1003	%	2,5		3,0			3,2						
Gloss at 45°, not less	T	BIAXPLEN	ISO 2813	ASTM D 2457	%	85											
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 side of the film;
UT - untreated side of the film;

* Typical value
GOST - Russian Federation standards.

MAIN PROPERTIES:

- A wide range of heat sealing;
- contains slip-antistatic and antiblocking additives;
- excellent optical properties;
- good mechanical properties;
- intended for contact with food;
- both side low coefficient of friction;
- 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 high-speed vertical VFFS and horizontal HFFS packaging machines;

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