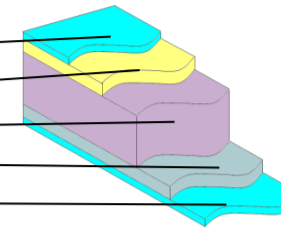


Treated, heatsealable copolymer skin layer (T)
Transparent oriented polypropylene tie layer
White Pearl cavitated core layer of oriented polypropylene
Transparent oriented polypropylene tie layer
Non treated skin layer, with standard coefficient of friction and very broad heat sealing range (UT)



DESCRIPTION:

White Pearl BOPP film with very wide heatsealing range and standard coefficient of friction for packaging machines.

For high quality rotogravure and flexographic printing and lamination.

Properties		Methods			Unit	HOHW			
Thickness, ± 5%		BIAXPLEN			mkm	30	35	40	45
Density *					g/cm ³	0,72			
Weight, ± 5%					g/m ²	21,60	25,20	28,80	32,40
Yield, ± 5%					m ² /kg	46,30	39,68	34,72	30,86
Tensile strength, not less	MD	GOST 14236	ISO 527	ASTM D882	N/mm ² , MPa	70			
	TD					140			
Elongation at break, not more	MD					200			
	TD					60			
Coefficient of friction, kinetic	UT/UT	GOST 27492	ISO 8295	ASTM D 1894	---	0,2	+ 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	%	40	35	30	
Gloss at 45°, not less	T	BIAXPLEN	ISO 2813	ASTM D 2457	%	80			
Heat sealing range at 1bar, 1sec *	UT / UT	BIAXPLEN			°C	75 - 140		72 - 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;

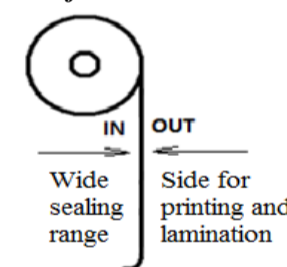
* Typical value;
GOST - Russian Federation standards.

When ordering additional activation (> 38 dyne) on the UT side, the heat sealing range and the coefficient of friction are not regulated

MAIN PROPERTIES:

- A wide range and high speed of heat sealing;
- high opacity and good whiteness;
- good protection from UV light;
- low density and high yield;
- contains slip-antistatic and antiblocking additives;
- contains mineral fillers as calcium carbonate and titanium dioxide;
- intended for contact with food;
- standard coefficient of friction;
- without coatings and primers.

In case of both side treatment



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 heat sealing 130-250 packs/min. (depends from packaging thickness and machine);
- low sealing temperature in ice-cream packaging process;
- for vertical VFFS and high speed horizontal HFFS packaging machines;
- packaging of ice cream, chocolate bars, candy, etc. which requires protection from UV light;
- not for the application of the framework cold glue on UT-side.

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