



**DESCRIPTION:**

*Metallized white - pearl both side corona treated BOPP film for both side printing, lamination and for "flowpack" packaging with cold seal glue coating*

Properties		Methods			Unit	HOHGM.M					
Thickness, ± 5%		BIAXPLEN			mkm	30	35	40	45	50	
Density *					0,74						
Weight, ± 5%					g/m <sup>2</sup>						
Yield, ± 5%					m <sup>2</sup> /kg						
Tensile strength, not less	MD	GOST 14236	ISO 527	ASTM D882	N/mm <sup>2</sup> , MPa	90					
	TD					180					
Elongation at break, not more	MD					210					
	TD					70					
Kinetic coefficient of friction		F / F	GOST 27492	ISO 8295	ASTM D 1894	0,5			+0,15	-0,15	
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		F / F	GOST 27319	ISO 527	ASTM D 882, ASTM F 88	2			3		
Heat sealing range at 1bar, 1sec *		F / F	BIAXPLEN			°C					
Optical density, not less		BIAXPLEN			---					1,8	
Treatment level, not less		M **	BIAXPLEN	ISO 8296	ASTM D 2578	Dyne/cm, mN/m					
		F				34					
Water vapour transmission rate at 38°C, 90% rel.humidity, 24h, not more		BIAXPLEN			---	ASTM F 1249			g/m <sup>2</sup> /24h		
Oxygen transmission rate at 23°C, 24h, not more		BIAXPLEN			---	ASTM D 3985			cm <sup>3</sup> /m <sup>2</sup> /24h		

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

M - metallized side;  
F - white pearl side;

\* Typical, reference, non-regulated values are indicated  
GOST - Russian Federation standards.

\*\* Guaranteed shelf life of the activation of the metallized side is 15 days from the date of manufacture indicated on roll label

**MAIN PROPERTIES:**

- Both side corona treated;
- low density and high yield;
- without migrating sliding and antistatic additives;
- metallized side ( M ) for printing and lamination;
- white-pearl side for a minor printing, lamination and for cold seal glue coating;
- contains white fillers;
- intended for contact with food;
- without coatings and primers.

**APPLICATION:**

- Solvent based rotogravure and flexographic printing;
- solvent based and solvent less lamination with polyurethane adhesives;
- for cold seal glue frame coating onto F film side;
- for flexible packaging with frame cold seal adhesives of single and multiple opening;
- for lamination in the center of the triplex (if necessary);
- the production of flexible packaging "flowpack" for food;
- packaging of ice cream, chocolate bars, candy, etc.;
- can be suitable for production of self adhesive labels;
- as the heat-sealing film is not always suitable.

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