

Properties		Methods			Unit	HOSL			
Thickness, ± 5%					mkm	30	35	40	45
Density*				BIAXPLEN	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				N/mm ² , MPa	70			
	TD					140			
Elongation at break, not more	MD	GOST 14236	ISO 527	ASTM D882	%	200			
	TD					60			
Coefficient of friction, kinetic	UT / UT		GOST 27492	ISO 8295	ASTM D 1894	—	0,35		+ 0,10
									- 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, 1 bar, 1 sec	UT / UT		GOST 27319	ISO 527	ASTM F 88; ASTM D882	N/15 mm	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	%	50			
Heat sealing range at 1 bar, 1 sec*	UT / UT			BIAXPLEN	°C	105 - 140			
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, 24 h*		BIAXPLEN	—	ASTM F 1249	g/m ² /24 h	4,3	3,7	3,3	2,9
Oxygen transmission rate at 23 °C, 0% rel. humidity 24 h*		BIAXPLEN	—	ASTM D 3985	cm ³ /m ² /24 h	1750	1500	1300	1170

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.

