



DESCRIPTION:

*BOPP Matt film with high transparency
with flame treatment on the matt side*

Properties		Methods			Unit	MGT						
Thickness, ± 5%		BIAXPLEN			mkm	18	25	27	35			
Density *					g/cm ³				0,91			
Weight, ± 5%					g/m ²				16,38	22,75	24,57	31,85
Yield, ± 5%					m ² /kg				61,05	43,96	40,70	31,40
Tensile strength, not less	MD	GOST 14236	ISO 527	ASTM D882	N/mm ² , MPa	125						
	TD					240						
Elongation at break, not more	MD				%				220			
	TD				%				80			
Kinetic coefficient of friction	T/ T	GOST 27492	ISO 8295	ASTM D 1894	- - -	0,3			+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	T/ T	GOST 27319	ISO 527	ASTM D 882, ASTM F 88	N/15mm	Non heatsealable						
Haze, not less		GOST 15875	ISO 14782	ASTM D 1003	%	25 - 35						
Gloss at 45°, not more	T	BIAXPLEN	ISO 2813	ASTM D 2457	%	25 - 35						
Heat sealing range at 1bar, 1sec.*	T/ T	BIAXPLEN			°C	Non heatsealable						
Treatment level, not less	T	BIAXPLEN	ISO 8296	ASTM D 2578	Dyne/cm, mN/m	44						
Water vapour transmission rate at 38°C, 90% rel.humidity, 24h, ± 20% *		BIAXPLEN	- - -	ASTM F 1249	g/m ² /24h	8,5	6,1	5,7	4,4			
Oxygen transmission rate at 23°C, 0% rel.humidity 24h, ± 20% *		BIAXPLEN	- - -	ASTM D 3985	cm ³ /m ² /24h	3500	2520	2333	1800			

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

T - treated matt side of the film;
UT - untreated gloss side of the film;

* Typical value;
GOST - Russian Federation standards.

MAIN PROPERTIES:

- *Matte appearance;*
- *high transparency;*
- *treatment on matt side*
- *high antistatic properties*
- *contains slip- antistatic and antiblock additives*
- *low coefficient of friction;*
- *intended for contact with food, if it is needed*
- *without coatings and primers.*

APPLICATION:

- *Production of postal envelopes with a window of film;*
- *Preservation of readability and recognizability of the subject under matte film;*
- *For glue application on the matte side of the film;*
- *Production of decorative packaging for flowers, gift wrapping, etc*
- *To give a flexible packaging or label a matte (paper) appearance*

Attention! Information specified in this document is for reference only; it contains averaged technical characteristics of BIAXPLEN LTD products based on results of laboratory tests performed in BIAXPLEN LTD standard operation conditions. BIAXPLEN LTD gives no representations and/or warranties and is expressly relieved from any liability for infringement of any third parties' intellectual property rights arising from processing of BIAXPLEN LTD products.

Testing of BIAXPLEN LTD products in order to determine their suitability in terms of meeting specific objectives of a person intending to purchase BIAXPLEN LTD products is the sole responsibility of such a person who shall be responsible for any consequences related to processing and use of BIAXPLEN LTD products.

This document does not constitute a quotation and its provision to any person shall not create any rights and duties on the part of BIAXPLEN LTD.