

Properties		Methods			Unit	TGHL				
Thickness, ± 5%					mkm	16	18	20	25	30
Density*		BIAXPEN			g/cm ³	0,91				
Weight, ± 5%					g/m ²	14,56	16,38	18,2	22,75	27,3
Yield, ± 5%					m ² /kg	68,68	61,05	54,95	43,96	36,63
Tensile strength, not less	MD				N/mm ² , MPa	130			140	
	TD					230			250	
Elongation at break, not more	MD	GOST 14236	ISO 527	ASTM D882	%	220			200	
	TD					80			80	
Kinetic coefficient of friction	IN / IN	GOST 27492	ISO 8295	ASTM D 1894	—	0,3			+0,05	
	OUT / OUT					0,2			-0,05	
Thermal shrinkage at 120 °C, 5 min	MD	GOST 18616	ISO 11501	ASTM D1204	%	4				
	TD					2				
Heat Seal strength at 1 bar, 1 sec, 130 °C, not less	IN / OUT	GOST 27319	ISO 527	ASTM D 882, ASTM F 88	N/15 mm	2,5				
Haze, no more		GOST 15875	ISO 14782	ASTM D 1003	%	2,5				
Gloss at 45 °, not less	OUT	BIAXPEN	ISO 2813	ASTM D 2457	%	85				
Heat sealing range at 1 bar, 1 sec.*	OUT/ OUT	BIAXPEN			°C	105 - 140				

MD - Machine, longitudinal direction of the film;

TD - Transverse direction of the film; OUT - external film side of the reel.

IN - internal film side of the reel;

* Typical value

