



## BOPP PEARL FILM

Pearly-white polypropylene film, biaxially oriented, heat-sealable on both sides.



### Application

- Lamination (especially with thin layer), with the same film or different materials
- Single web structure (particularly in thick film)
- For vertical VFFS and horizontal HFFS packaging machines
- High quality rotogravure and flexographic printing
- For packing ice creams, chocolates, cookies



### Main properties

- Contains antistatic, anti-slip and antiblocking additives
- Allowed to direct contact with food
- A wide range of heat sealing temperatures
- Stable coefficient of friction
- Good thermal properties, maintaining adequate moisture and impermeability of odoriferous substances
- Excellent protection against light
- Low level of transparency
- Good level of whiteness



**MarDruk**  
opakowania

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Properties		Unit	Values			Method
Thickness +/- 5%		µm	30	35	40	
Density		g/cm3	0,72			
Weight m <sup>2</sup> +/-5%		g/m2	21,60	25,20	28,80	
Yield +/-5%		m2/kg	46,30	39,68	34,72	
Tensile strenght (not less)	MD	N/mm2	70			ISO 527 ASTM D882
	TD	N/mm2	140			
Elongation at break (nie więcej)	MD	%	200			
	TD	%	60			
Kinetic coefficient of friction (14 days after production)		-	0,3		0,1 -0,1	ISO 8295 ASTM D 1894
Thermal shrinkage (nie więcej)	MD	%	4			ISO 11501
	TD	%	2			
Heat sealing strenght (nie mniej)		N/15mm	2,5			ISO 527
Heat sealing range		°C	105-140			
Haze (nie więcej)		%	50	35		ISO 14782
Gloss (nie mniej)	T	%	50			ISO 2813
Treatment level (nie mniej)		mN/m	38			ISO 8296

MD - along  
TD - across  
T - treatment side

Note: All data included in the sheet come from the film manufacturer, MarDruk packaging company has not carried out any tests of the material.



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