

BOPP MATTE FILM

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



Application

- ☒ High quality rotogravure and flexographic printing
- ☒ Lamination (especially with thin layer), with the same film or different materials
- ☒ Single web structure (particularly in thick film)
- ☒ A wide range of packaging machines



Main properties

- ☒ Matte surface
- ☒ Contains antistatic, anti-slip and antiblocking additives
- ☒ Good printing and convertibility properties
- ☒ Stable coefficient of friction
- ☒ Excellent mechanical properties
- ☒ Allowed to direct contact with food

Properties		Unit	Values			Method
Thickness +/- 5%		µm	15	20	35	-
Density		g/cm3	0,91			
Weight m ² +/-5%		g/m2	13,65	18,2	31,85	
Yield +/-5%		m2/kg	73,26	54,95	31,39	
Tensile strenght (not less)	MD	N/mm2	140	150		ISO 527 ASTM D 882
	TD	N/mm2	230	240		
Elongation at break (not more)	MD	%	200			
	TD	%	70			
Kinetic coefficient of friction (14 days after production)		-	0,35		0,1 -0,1	ISO 8295 ASTM D 1894
Thermal shrinkage (not more)	MD	%	4			ISO 11501 ASTM D 1204
	TD	%	2			
Heat sealing strenght (not less)		N/15mm	2,5			ISO 527 ASTM F 88 ASTM D 882
Heat sealing range		°C	70			ISO 14782 ASTM D 1003
Haze (not more)		%	12			ISO 2813 ASTM D 2457
Gloss (not less)	T	%	130-140			-
Treatment level (not less)		mN/m	38			ISO 8296 ASTM D 2578

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.