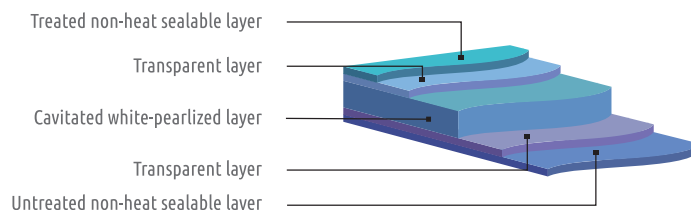


Description

BOPP film "label" white-nacreous, filled, non-heat sealable, with activation on one side, for the production of labels



Properties		Unit	Limit	Method	Value		
Thickness		μm	±5%	ISO 4591, 4593 GOST 17035	35	38	41
Density		g/cm ³	±10%	WATERFALL PRO	0,68		
Weight m ²		g/m ²	±5%	GOST 13199	23,80	25,84	27,88
Tensile strength	MD	N/mm ² (Мпа)	not less	ASTM D882 ISO 527 GOST 14236	80		
	TD				150		
Elongation at break	MD	%	not more	ASTM D1894 GOST 27492	200		
	TD				70		
Kinetic coefficient of friction*		UT / UT	-	ASTM D1894 GOST 27492	0,3		
Shrinkage at 120°C, 5 мин	MD	%	not more	ASTM D1204	4		
	TD				2		
Heat sealing strength		-	N/15 mm	ASTM F88/F88M, D882 ISO 527	non-heat sealable		
Minimal heat sealing temperature		-	°C	WATERFALL PRO	non-heat sealable		
Optical transmission		-	%	ASTM D1003 GOST R 8.829	30		
Gloss		T	%	ASTM D2457	85		
Surface tension**		T	mN/m (dyn/cm)	ASTM D2578 ISO 8296	38		
MD – machine direction TD – transverse direction		T – treated side UT – untreated side		* these are typical values, guaranteed for the untreated side only. When processing on both sides, this value is not regulated ** with double-side treatment (if ordered), the activation of the second side (usually the inside of the roll) is not less than 36 mN/m			

Main characteristics

- high print adhesion
- high antistatic properties
- high level of non-transparency and gloss
- good whiteness
- preserves label form
- high labeling speed

Application

- for wrap-around label for PET bottles
- for production of self-adhesive labels at 48-60 μm
- [For labeling machines](#)
- with production speed of 10 000 – 40 000 bottles/hour
- with the use of cold and molten glue
- [For printing](#)
- high-quality rotogravure and flexographic print
- with the use of special UV-offset and UV-flexo inks with primer coating
- direct

Storage

- films should be stored on the pallets in a closed dry place and should not be exposed to direct sunlight, at a safe distance of not less than 1 m from heating devices or anything that can cause damage the package
- the film should be kept in workplace not less than 48 hours before being used
- guaranteed storage period – 6 months from production date

Treatment

- the guaranteed period for maintaining the minimum permissible level of surface tension on the activated film surface from the date of manufacture, subject to proper storage conditions, is 6 months
- in the interests of minimizing the deterioration of surface dressing level, it is recommended to store the film at a temperature of no higher than 30°C and use it in a short time

Recycling

- in the process of printing and lamination it is recommended to perform corona treatment

Reeling

- maximum roll diameter 800 mm
- film width in a roll from 290 to 2000 mm
- diameter of paper cores (inside) 76, 152 mm

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