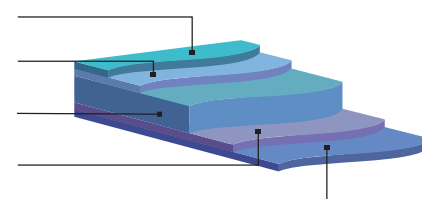


Description

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

Treated non-heat sealable layer with increased gloss
 Transparent layer
 Cavitated white-pearlized layer
 Transparent layer
 Untreated non-heat sealable layer



Properties	Unit	Limit	Method	Value	
Thickness	µm	±5%	ISO 4591, 4593 GOST 17035	35 38	
Density	g/cm ³	±10%	WATERFALL PRO	0,62	
Weight m ²	g/m ²	±5%	GOST 13199	21,70 23,56	
Tensile strength	MD	N/mm ² (Мпа)	not less	ASTM D882 ISO 527 GOST 14236	75
	TD				145
Elongation at break	MD	%	not more	ASTM D1894 GOST 27492	190
	TD				65
Kinetic coefficient of friction*	UT / UT	-	±0,10	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	-	%	not more	ASTM D1003 GOST R 8.829	25
Gloss	T	%	not less	ASTM D2457	85
Surface tension**	T	mN/m (dyn/cm)	not less	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 level of gloss
- high print adhesion
- high antistatic properties
- high level of non-transparency
- 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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