

TECHNICAL DATA SHEET

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BOPP [STA] film

PRODUCT DESCRIPTION

Transparent polypropylene film, corona activated on one side, sealable on both sides, general purpose. The film has a low friction coefficient. It is intended for printing, lamination and packaging manufacturing on high speed packaging machines. It is characterized by high gloss, high transparency and very good sealability from low temperatures. The film is approved for use in the manufacture of food and pharmaceutical packaging.

SPECIFICATIONS

Properties	Unit	Typical value						Comments
Thickness (+/-5%)	µm	20	25	30	35	40	50	ASTM D-374
Roll width max.	mm	2000						(+/-2mm)
Yield	m ² /kg	55,0	44,1	36,6	31,4	27,4	21,9	-
Unit weight	g/m ²	18,2	22,7	27,3	31,8	36,4	45,5	-
Surface tension min.	dyn/cm	39						ASTM D-2578
Tensile strength - machine - transverse	kg/cm ²	1250 2700						ASTM D-882
Elongation at break - machine - transverse	%	210 70						ASTM D-882
Strength of sealed joints	g/25mm	450	475	500	525	550	600	(120°C, 2 Bar, 1s)
Thermal shrinkage - machine - transverse	%	4,0 2,0	3,5 1,5	3,5 1,5	3,5 1,5	3,5 1,5	3,5 1,5	(120°C, 5min)
Coefficient of friction	-	0,23						ASTM D-1894
Haze	%	1,9	1,9	2,0	2,0	2,2	2,3	ASTM D-1003
Gloss	-	88						ASTM D-2457 (@45°)
Sealing temperature	°C	105-110						-
Oxygen transmissibility	cc/m ² /24 h	1800	1700	1600	1500	1450	1400	ASTM D-3985
MVTR (WVTR)	g/m ² /24 h	6,0	5,0	4,0	3,0	2,5	2,4	ASTM D-398
Standard roll length	m	5000	4000	3350	3000	2500	2000	(+/-15%)

APPLICATION

Technology: printing, lamination, packaging production.

STORAGE CONDITIONS AND SHELF-LIFE

Products should be stored away from particular heat, cold, moisture and direct sunlight. Recommended storage conditions 5°C - 30°C and relative humidity 20-70%. Shelf life is 6 months from the date on the label.

ADDITIONAL INFORMATION

The data presented reflect our current state of knowledge and are intended for informational purposes only. The specified parameters reflect typical values and do not represent limit values. Given the number of factors beyond our control, we cannot guarantee the properties or suitability of the products for each individual case of application. For these reasons, no legal claims may be derived from this technical specification sheet. We reserve the right to update the technical specification sheet at any time without obligation to inform you. The product is not classified as hazardous, we recommend reading the declaration of conformity before use. Dispose of in accordance with local and national regulations.