

Non heat sealable, one side treated, metallized BOPP film.

Properties

- One side aluminium coated by vacuum metalization with excellent adhesion
- Low permeability to gases, moisture and light
- Good dimensional stability under varying atmospheric conditions
- Excellent gloss

Applications

Especially designed for decoration purposes, flower and gift wrapping.

PROPERTIES	TEST CONDITIONS		UNITS	TYPICAL VALUES	
THICKNESS	.....		μ	30	35
			Gauge	120	140
THICKNESS TOLERANCE	.....		%	5	
UNIT WEIGHT	ASTM D 2673		g / m ²	27.2	31.7
YIELD	ASTM D 2673		m ² / kg	36.7	31.5
HAZE	ASTM D 1003		%	.....
GLOSS	ASTM D 2457		%	.....
OPTICAL DENSITY	MACBETH		.....	2.0	
COEFFICIENT OF FRICTION*	ASTM D 1894	B/B*	.....	< 0.65	
		B/M*		< 0.30	
TENSILE STRENGTH	ASTM D 882	MD	N/mm ²	120 ± 20	
		TD		270 ± 50	
ELONGATION AT BREAK	ASTM D 882	MD	%	190 ± 40	
		TD		45 ± 10	
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec		°C	.....
SEAL STRENGTH	130 °C / 3 Bar / 0.5 Sec		N / 15mm	.....
WVTR	ASTM F 1249 38 °C / 90% RH		g / m ² / day	≤ 1.0	
OTR	ASTM D 3985 23 °C / 0% RH		cm ³ /m ² /day	≤ 200	
HEAT SHRINKAGE	130 °C / 7 min	MD	%	≤ 5.0	
		TD		≤ 3.0	

*B/B : Nontreated side to nontreated side *All COF values are dynamic results

*B/M : Nontreated side to metal

The climatic and storage conditions may influence the metallised surface treatment.

In-line corona treatment is recommended for lamination. An adequate primer on the metallized surface is suggested for printing.

The above information is the result of laboratory test which are applied on samples from standart production. Since the varying conditions under which our products used are beyond our control, all of the above results are without guarantee and warranty.