

Both sides 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

Applications

- Widely used for lamination to other substrates.
- Designed also for cold seal and release lacquer applications.

PROPERTIES	TEST CONDITIONS		UNIT	TYPICAL VALUES					
THICKNESS		μ	15	18	20	25	30	40
			Gauge	60	72	80	100	120	160
THICKNESS TOLERANCE	.....		%	5				
UNIT WEIGHT	ASTM D 2673		g / m ²	13.6	16.3	18.1	22.7	27.2	36.2
YIELD	ASTM D 2673		m ² / kg	73.5	61.3	55.2	44.0	36.7	27.6
HAZE	ASTM D 1003		%	.....				
GLOSS	ASTM D 2457		%	.....				
OPTICAL DENSITY	MACBETH		.....	2.0				
COEFFICIENT OF FRICTION*	ASTM D 1894	B/B*	.....	< 0.50				
		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 : Back side

*All COF values are dynamic results

*M : 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.

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