

One side wide seal range heat sealable, other side treated, metallized BOPP film with enhanced treatment durability and barrier properties.

Properties

- One side aluminium coated by vacuum metalization with excellent adhesion
- Ultra high oxygen barrier
- Ultra high moisture barrier
- Enhanced treatment durability resulting consistent and better ink adhesion

Applications

Designed for high barrier performance packaging applications.

PROPERTIES	TEST CONDITIONS	UNITS	TYPICAL VALUES	
THICKNESS	μ	50	
		Gauge	200	
THICKNESS TOLERANCE	%	5	
UNIT WEIGHT	ASTM D 2673	g / m ²	45.3	
YIELD	ASTM D 2673	m ² / kg	22.0	
HAZE	ASTM D 1003	%	
GLOSS	ASTM D 2457	%	
OPTICAL DENSITY	MACBETH	2.6	
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	85 - 140	
SEAL STRENGTH	130°C / 3 Bar / 0.5 Sec	N / 15mm	> 7.0	
WVTR	ASTM F 1249 38°C / 90% RH	g / m ² / day	≤ 0.3	
OTR	ASTM D 3985 23°C / 0% RH	cm ³ /m ² /day	≤ 30	
HEAT SHRINKAGE	130°C / 7 mln	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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