

One side wide seal range heat sealable, other 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

Applications

Widely used in single web and laminate structures for food packaging applications.

PROPERTIES	TEST CONDITIONS		UNITS	TYPICAL VALUES						
THICKNESS		μ	15	18	20	25	30	35	40
			Gauge	60	72	80	100	120	140	160
THICKNESS TOLERANCE	.....		%	5					
UNIT WEIGHT	ASTM D 2673		g / m ²	13.6	16.3	18.1	22.6	27.2	31.7	36.2
YIELD	ASTM D 2673		m ² / kg	73.5	61.3	55.2	44.1	36.7	31.5	27.6
HAZE	ASTM D 1003		%	.....					
GLOSS	ASTM D 2457		%	.....					
OPTICAL DENSITY	MACBETH		.....	2.2					
COEFFICIENT OF FRICTION*	ASTM D 1894	B/B*	.....	< 0.50					
		B/M*	.....	< 0.30					
TENSILE STRENGTH	ASTM D 882	MD	N/mm ²	130 ± 20						
		TD		280 ± 50						
ELONGATION AT BREAK	ASTM D 882	MD	%	190 ± 40						
		TD		45 ± 10						
HEAT SEAL TEMPERATURE	3 Bar / 0.5 Sec		°C	110 - 145						
SEAL STRENGTH	130°C / 3 Bar / 0.5 Sec		N / 15mm	> 2.3			> 3.0			
WVTR	ASTM F 1249 38°C / 90% RH		g / m ² / day	≤ 0.5						
OTR	ASTM D 3985 23°C / 0% RH		cm ³ /m ² /day	≤ 120						
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.