

Pearlised side heat sealable, both sides treated, pearlised metallized BOPP film.

Properties

- High yield due to low density
- Aluminium deposited side for printing
- Strong cold seal adhesion

Applications

- Designed for surface print and lamination, cold seal and release lacquer applications.

PROPERTIES	TEST CONDITIONS		UNITS	TYPICAL VALUES		
THICKNESS	.....		μ	30	35	38
			Gauge	120	140	152
THICKNESS TOLERANCE	.....		%	6		
UNIT WEIGHT	ASTM D 2673		g / m ²	21 ± 1.0	24.5 ± 1.0	26.6 ± 1.0
YIELD	ASTM D 2673		m ² / kg	47.6 ± 1.8	40.8 ± 1.5	37.6 ± 1.5
HAZE	ASTM D 1003		%	.....	
GLOSS	ASTM D 2457		%	.....	
OPTICAL DENSITY	MACBETH		.....	Opaque > 0.55 / Metallized > 2.4		
COEFFICIENT OF FRICTION*	ASTM D 1894	B/B*	.....	< 0.60		
		B/M*		< 0.30		
TENSILE STRENGTH	ASTM D 882	MD	N/mm ²	90 ± 20		
		TD		200 ± 50		
ELONGATION AT BREAK	ASTM D 882	MD	%	170 ± 30		
		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	≤ 1.5		
OTR	ASTM D 3985 23°C / 0% RH		cm ³ /m ² /day	≤ 200		
TREATMENT LEVEL	ASTM D 2578		dyne / cm	≥ 36 (back side)		
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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